Fiery Command WorkStation 6: Configuring color settings and best practices

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What you will learn

• Command WorkStation 6 new color tab interface
  – How to get to settings

• Color flowchart
  – Description of color settings
  – How to set new workflow that comply with local standards
  – Importance of making custom profiles
  – Best practice color settings
  – Server defaults
Command WorkStation 6 color tab

How to get there demo
# Fiery Command WorkStation 6 FS200 Color Settings

## Color mode

<table>
<thead>
<tr>
<th>RGB</th>
<th>CMYK/Grayscale</th>
<th>Spot Color</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Source profile

- RGB rendering intent / CMYK processing method
- Print gray using black only
- Black point compensation
- Separate RGB/Lab to CMYK source

## Black text and graphics

## Composite overprint

## Optimize RGB transparency

## Output profile & calibration

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# Fiery Command WorkStation 6 FS200 Color Settings

## Color mode
- **RGB**
- **CMYK/Grayscale**
- **Spot Color**

## Source profile
- **RGB rendering intent**
- **CMYK processing method**

## Print gray using black only

## Black point compensation

## Separate RGB/Lab to CMYK source

## Black text and graphics

## Composite overprint

## Optimize RGB transparency

## Output profile & calibration
Fiery Command WorkStation 6 FS200 Color Settings

**Color mode**

- **RGB**
- **CMYK/Grayscale**
- **Spot Color**

**Source profile**

- **RGB rendering intent**
- **CMYK processing method**

**Print gray using black only**

**Black point compensation**

- **Separate RGB/Lab to CMYK source**

**Black text and graphics**

**Composite overprint**

**Optimize RGB transparency**

**Output profile & calibration**

- **Use media defined profile**
Output profile selection

Depending on the configuration of the DFE, output profile may be selected automatically or manually.
Automatic output profile selection

Start

Job Properties
“Use Media Defined Profile” selected?
Automatic output profile selection
Automatic output profile selection

Start

Job Properties “Use Media Defined Profile” selected?

Yes

Is Paper Catalog used in the job?
Automatic output profile selection
Automatic output profile selection

Start

Job Properties “Use Media Defined Profile” selected? Yes

Is Paper Catalog used in the job? Yes

Profile assigned in Paper Catalog?
Go to Device Center
Select Paper Catalog under Resources

<table>
<thead>
<tr>
<th>Tray</th>
<th>Name</th>
<th>Paper type</th>
<th>Paper weight</th>
<th>Paper size</th>
<th>Back color profile</th>
<th>Front color profile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tray 3</td>
<td>Futura Gloss 80# text 11x17</td>
<td>Coated - glossy</td>
<td>Paper weight</td>
<td>11x17</td>
<td>Server's default</td>
<td>Server's default</td>
</tr>
</tbody>
</table>

Description:
- Paper Size: 11x17
- Weight (gsm): 110
- Color: White
- Type: Paper
- Product ID: 110
- Front Coating: Glossy
- Back Coating: Glossy
- Imprintable Sides: Both
- Set Count: Glossy
- CIE Tint: 110
- CIE Whiteness: 110
Right click to Edit and set profiles
Automatic output profile selection

1. Start
2. Job Properties “Use Media Defined Profile” selected?
   - Yes
   - No
3. Is Paper Catalog used in the job?
   - Yes
   - No
4. Profile assigned in Paper Catalog?
   - Yes
   - No

Output profile assigned in Paper catalog
Automatic output profile selection

Start

Job Properties “Use Media Defined Profile” selected?

- Yes
  - Is Paper Catalog used in the job?
    - Yes
      - Profile assigned in Paper Catalog?
        - Yes
          - Output profile assigned in Paper catalog
        - No
          - Is a Profile assigned to the paper type?
            - Yes
              - Profile assigned in Paper Catalog?
                - Yes
                  - Output profile assigned in Paper catalog
                - No
                  - No
            - No
              - No
                - No
                  - No

- No
  - No
    - No
      - No
        - No
          - No
Profile assigned to media type
Automatic output profile selection

[Image of a software interface showing the selection of a paper type as "Coated – glossy"]
Automatic output profile selection

Start

Job Properties “Use Media Defined Profile” selected?

Yes

Is Paper Catalog used in the job?

No

Is a Profile assigned to the paper type?

Yes

Output profile assigned to paper type

No

Profile assigned in Paper Catalog?

Yes

Output profile assigned in Paper catalog

No

Is a Profile assigned to the paper type?

Yes

Output profile assigned to paper type

No

Profile assigned in Paper Catalog?
Automatic output profile selection

Start

Job Properties “Use Media Defined Profile” selected?

Yes

Is Paper Catalog used in the job?

Yes

Profile assigned in Paper Catalog?

Yes

Output profile assigned in Paper catalog

No

Yes

Profile assigned in Paper Catalog?

Yes

Output profile assigned in Paper catalog

No

Is a Profile assigned to the paper type?

Yes

Output profile assigned to paper type

No

Server default output profile

Is a Profile assigned to the paper type?

Yes

Output profile assigned to paper type

No

Server default output profile
Automatic output profile selection

Start

Job Properties “Use Media Defined Profile” selected?

Yes → Is Paper Catalog used in the job?

Yes → Profile assigned in Paper Catalog?

Yes → Output profile assigned in Paper catalog

No → Is Paper Catalog used in the job?

Yes → Profile assigned in Paper Catalog?

Yes → Output profile assigned in Paper catalog

No → Is a Profile assigned to the paper type?

Yes → Output profile assigned to paper type

No → Server default output profile

No → No → Output profile selected in Job properties
Fiery Command WorkStation 6 FS200 Color Settings

**Color mode**
- **RGB (Adobe RGB Embedded)**
- **CMYK/Grayscale (GRACoL 2006 Embedded)**
- **Spot Color**

**Source profile**
- sRGB

**RGB rendering intent / CMYK processing method**
- Print gray using black only
- Black point compensation
- Separate RGB/Lab to CMYK source
- Black text and graphics
- Composite overprint

**Optimize RGB transparency**
- Use media defined profile

**Output profile & calibration**
- Use media defined profile
Fiery Command WorkStation 6 FS200 Color Settings

**Color mode**

- **RGB** (Adobe RGB Embedded)
- **CMYK/Grayscale** (GRACoL 2006 Embedded)
- **Spot Color**

**Source profile**

- **sRGB**
- **ISO Coated FOGRA39L**

**RGB rendering intent / CMYK processing method**

- Print gray using black only
- Black point compensation
- Composite overprint

**Optimize RGB transparency**

- Use media defined profile
- ISO Coated

**Output profile & calibration**

- Use media defined profile
- CMYK/Grayscale

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Fiery Command WorkStation 6 FS200 Color Settings

**Color mode**

- **RGB** (Adobe RGB Embedded)
- **CMYK/Grayscale** (GRACoL 2006 Embedded)
- **Spot Color**

**Source profile**

- **sRGB**
- **ISO Coated FOGRA39L**

**RGB rendering intent / CMYK processing method**

- Print gray using black only
- Black point compensation
- Composite overprint

**Optimize RGB transparency**

- Use media defined profile
- ISO Coated

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## Fiery Command WorkStation 6 FS200 Color Settings

### Color mode

#### RGB (Adobe RGB Embedded)
- Use embedded profile
- CMYK source: ISO Coated FOGRA39L (G7)
- CMYK source: ISO Coated FOGRA39L (G7)
- CMYK processing method: Full (output CCR)
- Paper simulation
- Black point compensation
- Separate RGB/Lab to CMYK source
- Black text and graphics
- Composite overprint
- Optimize RGB transparency
- Output profile & calibration: Use media defined profile

#### CMYK/Grayscale (GRACoL 2006 Embedded)
- Use embedded profile
- CMYK source: ISO Coated FOGRA39L
- CMYK source: ISO Coated FOGRA39L
- CMYK processing method: Full (output CCR)
- Paper simulation
- Black point compensation
- Separate RGB/Lab to CMYK source
- Black text and graphics
- Composite overprint
- Optimize RGB transparency
- Output profile & calibration: Use media defined profile

### Spot Color

#### CMYK/Grayscale (GRACoL 2006 Embedded)
- Use embedded profile
- CMYK source: ISO Coated FOGRA39L
- CMYK source: ISO Coated FOGRA39L
- CMYK processing method: Full (output CCR)
- Paper simulation
- Black point compensation
- Separate RGB/Lab to CMYK source
- Black text and graphics
- Composite overprint
- Optimize RGB transparency
- Output profile & calibration: Use media defined profile

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**Note:**
- Black point compensation
- Source profile
- RGB rendering intent
- CMYK processing method
- Color mode
- Fiery Command WorkStation 6 FS200 Color Settings
- Print gray using black only
- Composite overprint
- Optimize RGB transparency
- Use media defined profile
### Fiery Command WorkStation 6 FS200 Color Settings

#### Color mode
- **RGB** (Adobe RGB Embedded)
- **CMYK/Grayscale** (GRACoL 2006 Embedded)
- **Spot Color**

#### Source profile
- **Adobe RGB**
- **GRACoL 2006**

#### RGB rendering intent / CMYK processing method
- Print gray using black only
- Black point compensation

#### Black text and graphics

#### Composite overprint

#### Optimize RGB transparency

#### Output profile & calibration
- Use media defined profile
## Fiery Command WorkStation 6 FS200 Color Settings

### Color mode
- **RGB (Adobe RGB Embedded)**
- **CMYK/Grayscale (GRACoL 2006 Embedded)**
- **Spot Color**

### Source profile
- **Adobe RGB**
- **ISO Coated FOGRA39L**

### RGB rendering intent / CMYK processing method
- Print gray using black only
- Black point compensation

### CMYK processing method
- Separate RGB/Lab to CMYK source

### Black text and graphics

### Composite overprint

### Optimize RGB transparency

### Output profile & calibration
- Use media defined profile
- Use media defined profile
- Use media defined profile

### Color settings
- PDF/X output intent
- Black text and graphics
- Composite overprint
- Substitute colors
- Auto trapping
- ImageViewer curves: No correction

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Fiery Command WorkStation 6 FS200 Color Settings

**Color mode**
- RGB (Adobe RGB Embedded)
- CMYK/Grayscale (GRACoL 2006 Embedded)
- Spot Color

**Source profile**
- Adobe RGB
- ISO Coated FOGRA39L

**RGB rendering intent / CMYK processing method**
- Photographic

**Print gray using black only**
- Off

**Black point compensation**
- On

**Separate RGB/Lab to CMYK source**
- Off

**Black text and graphics**
- On

**Composite overprint**
- Off

**Optimize RGB transparency**
- Off

**Output profile & calibration**
- Use media defined profile
Fiery Command WorkStation 6 FS200 Color Settings

**Color mode**
- RGB (Adobe RGB Embedded)
- CMYK/Grayscale (GRACoL 2006 Embedded)
- Spot Color

**Source profile**
- Adobe RGB
- ISO Coated FOGRA39L

**RGB rendering intent / CMYK processing method**
- Photographic

**Print gray using black only**

**Black point compensation**

**Separate RGB/Lab to CMYK source**

**Black text and graphics**

**Composite overprint**

**Optimize RGB transparency**

**Output profile & calibration**
- Use media defined profile

**Color settings**
- PDF/X output intent
- Separate RGB/Lab to CMYK source
- Composite overprint
- Combine separations
- Optimize RGB transparency

**Other settings**
- Composite overprint
- 2-color print mapping
- Substitute colors
- Auto trapping
- ImageViewer curves:
  - No correction
# Fiery Command WorkStation 6 FS200 Color Settings

## Color mode

**RGB** (Adobe RGB Embedded)

**CMYK/Grayscale** (GRACoL 2006 Embedded)

## Source profile

- **RGB source**: Adobe RGB
- **CMYK source**: ISO Coated FOGRA39L

## RGB rendering intent / CMYK processing method

- **Photographic**
- **Full (Output GCR) – Relative Colorimetric**

## Print gray using black only

- **Black point compensation**

## Separate RGB/Lab to CMYK source

## Black text and graphics

## Composite overprint

## Optimize RGB transparency

## Output profile & calibration

- **Use media defined profile**

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*Fiery Command WorkStation 6 FS200 Color Settings*

- **Fiery Command WorkStation 6 FS200 Color Settings**
- **Output profile & calibration**
- **Use media defined profile**

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Fiery Command WorkStation 6 FS200 Color Settings

Color mode

- **RGB (Adobe RGB Embedded)**
- **CMYK/Grayscale (GRACoL 2006 Embedded)**
- **Spot Color**

Source profile

- **Adobe RGB**
- **ISO Coated FOGRA39L**

RGB rendering intent / CMYK processing method

- **Photographic**
  - Full (Output GCR) – Relative Colorimetric

Print gray using black only

Black point compensation

Separate RGB/Lab to CMYK source

Black text and graphics

Composite overprint

Optimize RGB transparency

Output profile & calibration

- Use media defined profile

Print gray using black only

Black point compensation

Separate RGB/Lab to CMYK source

Black text and graphics

Composite overprint

Optimize RGB transparency

Output profile & calibration

- Use media defined profile
Fiery Command WorkStation 6 FS200 Color Settings

**Color mode**
- **RGB** (Adobe RGB Embedded)
  - **Source profile**: Adobe RGB
  - **RGB rendering intent**: Photographic
  - **CMYK processing method**: Full (Output GCR) – Relative Colorimetric
  - **Print gray using black only**
  - **Black point compensation**
  - **Separate RGB/Lab to CMYK source**
  - **Black text and graphics**
  - **Composite overprint**
  - **Optimize RGB transparency**

- **CMYK/Grayscale** (GRACoL 2006 Embedded)
  - **Output profile**: ISO Coated FOGRA39L

**Spot Color**
- **Adobe RGB**
- **Photographic**
- **RGB** (Adobe RGB Embedded)
- **Photographic**
- **ISO Coated FOGRA39L**
- **Black point compensation**
- **Composite overprint**
- **Optimize RGB transparency**

**Output profile & calibration**
- **Use media defined profile**

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<td>Source profile</td>
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<td>ISO Coated FOGRA39L</td>
<td></td>
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<tr>
<td>Print gray using black only</td>
<td><strong>K only output for RGB text/graphics R = G = B</strong></td>
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<td>ISO Coated FOGRA39L</td>
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<td>RGB rendering intent / CMYK processing method</td>
<td>Photographic</td>
<td>Full (Output GCR) – Relative Colorimetric</td>
</tr>
<tr>
<td>Print gray using black only</td>
<td>K only output for RGB text/graphics ( R = G = B )</td>
<td>K only output for CMYK text/graphics/images ( C,M,Y=0% \ K=x% )</td>
</tr>
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<td>Black point compensation</td>
<td></td>
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<tr>
<td>Separate RGB/Lab to CMYK source</td>
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<td>Use media defined profile</td>
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## Fiery Command WorkStation 6 FS200 Color Settings

### Color mode
- **RGB (Adobe RGB Embedded)**
- **CMYK/Grayscale (GRACoL 2006 Embedded)**

### Source profile
- **RGB**
  - Adobe RGB
- **CMYK/Grayscale**
  - ISO Coated FOGRA39L

### RGB rendering intent / CMYK processing method
- **Photographic**
- **Full (Output GCR) – Relative Colorimetric**

### Print gray using black only
- K only output for RGB text/graphics
  - R = G = B
- K only output for CMYK text/graphic/images
  - C,M,Y = 0% K = x%

### Black point compensation
- Checkmark

### Separate RGB/Lab to CMYK source

### Black text and graphics

### Composite overprint

### Optimize RGB transparency

### Output profile & calibration
- Use media defined profile

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**Fiery Command WorkStation 6 FS200 Color Settings**

- **Color mode**
  - RGB
  - CMYK/Grayscale

- **Source profile**
  - Adobe RGB
  - ISO Coated FOGRA39L

- **RGB rendering intent / CMYK processing method**
  - Photographic
  - Full (Output GCR) – Relative Colorimetric

- **Print gray using black only**
  - K only output for RGB text/graphics
    - R = G = B
  - K only output for CMYK text/graphic/images
    - C,M,Y = 0% K = x%

- **Black point compensation**
  - Checkmark

- **Separate RGB/Lab to CMYK source**

- **Black text and graphics**

- **Composite overprint**

- **Optimize RGB transparency**

- **Output profile & calibration**
  - Use media defined profile
### Fiery Command WorkStation 6 FS200 Color Settings

#### Color mode

- **RGB** (Adobe RGB Embedded)
- **CMYK/Grayscale** (GRACoL 2006 Embedded)

#### Source profile

- **RGB**: Adobe RGB
- **CMYK/Grayscale**: ISO Coated FOGRA39L

#### RGB rendering intent / CMYK processing method

- **RGB**: Photographic
- **CMYK**: Full (Output GCR) – Relative Colorimetric

#### Print gray using black only

- **RGB**
  - K only output for RGB text/graphics
  - R = G = B
- **CMYK/Grayscale**
  - K only output for CMYK text/graphics/images
  - C,M,Y= 0% K= x%

#### Black point compensation

- **RGB**: Enabled
- **CMYK**: Enabled

#### Separate RGB/Lab to CMYK source

- **RGB**
- **CMYK**

#### Black text and graphics

- **RGB**
- **CMYK**

#### Composite overprint

- **RGB**
- **CMYK**

#### Optimize RGB transparency

- **RGB**
- **CMYK**

#### Output profile & calibration

- **Use media defined profile**
Fiery Command WorkStation 6 FS200 Color Settings

Color mode

- RGB (Adobe RGB Embedded)
- CMYK/Grayscale (GRACoL 2006 Embedded)

Source profile
- Adobe RGB
- ICC from PDF/X output intent

RGB rendering intent / CMYK processing method
- Photographic
- Full (Output GCR) – Relative Colorimetric

Print gray using black only
- K only output for RGB text/graphics: \( R = G = B \)
- K only output for CMYK text/graphics/images: \( C, M, Y = 0\% \), \( K = x\% \)

Black point compensation
- For RGB text/graphics
- K only output for CMYK text/graphics/images

Separate RGB/Lab to CMYK source

Black text and graphics

Composite overprint

Optimize RGB transparency

Output profile & calibration
- Use media defined profile

Spot color
- Fiery spot color table (linked to output profile)
### Fiery Command WorkStation 6 FS200 Color Settings

**Color mode**
- **RGB** (Adobe RGB Embedded)
- **CMYK/Grayscale** (GRACoL 2006 Embedded)

**Source profile**
- Adobe RGB
- ISO Coated FOGRA39L

**RGB rendering intent / CMYK processing method**
- Photographic
- Full (Output GCR) – Relative Colorimetric

**Print gray using black only**
- K only output for RGB text/graphics
  - R = G = B

**Black point compensation**

**Separate RGB/Lab to CMYK source**

**Black text and graphics**

**Composite overprint**

**Optimize RGB transparency**

**Output profile & calibration**

Use media defined profile
Fiery Command WorkStation 6 FS200 Color Settings

**Color mode**

- **RGB (Adobe RGB Embedded)**
- **CMYK/Grayscale (GRACoL 2006 Embedded)**

**Source profile**
- Adobe RGB
- ISO Coated FOGRA39L

**RGB rendering intent / CMYK processing method**
- Photographic
- Full (Output GCR) – Relative Colorimetric

**Print gray using black only**
- K only output for RGB text/graphics: R = G = B
- K only output for CMYK text/graphics/images: C,M,Y = 0% K = x%

**Black point compensation**
- Yes

**Separate RGB/Lab to CMYK source**
- Convert RGB to default CMYK input profile then to output profile

**Black text and graphics**

**Composite overprint**

**Optimize RGB transparency**

**Output profile & calibration**
- Use media defined profile
Fiery Command WorkStation 6 FS200 Color Settings

**Color mode**
- **RGB** (Adobe RGB Embedded)
- **CMYK/Grayscale** (GRACoL 2006 Embedded)

**Source profile**
- **RGB:** Adobe RGB
- **CMYK/Grayscale:** ISO Coated FOGRA39L

**RGB rendering intent / CMYK processing method**
- **RGB:** Photographic
- **CMYK:** Full (Output GCR) – Relative Colorimetric

**Print gray using black only**
- K only output for RGB text/graphics: R = G = B
- K only output for CMYK text/graphics/images: C,M,Y= 0% K= x%

**Black point compensation**
- **RGB:**
- **CMYK/Grayscale:**

**Separate RGB/Lab to CMYK source**

**Black text and graphics**

**Composite overprint**

**Optimize RGB transparency**

**Output profile & calibration**
- Use media defined profile

**Fiery spot color table** (linked to output profile)
### Fiery Command WorkStation 6 FS200 Color Settings

#### Color mode
- **RGB** (Adobe RGB Embedded)
- **CMYK/Grayscale** (GRACoL 2006 Embedded)

#### Source profile
- **RGB**: Adobe RGB
- **CMYK/Grayscale**: ISO Coated FOGRA39L

#### RGB rendering intent / CMYK processing method
- **RGB**: Photographic
- **CMYK**: Full (Output GCR) – Relative Colorimetric

#### Print gray using black only
- **K only output for RGB text/graphics**: \( R = G = B \)
- **K only output for CMYK text/graphics/images**: \( C,M,Y= 0\% \) \( K= x\% \)

#### Black point compensation
- **Firey spot color table** (linked to output profile)

#### Separate RGB/Lab to CMYK source
- **Black text and graphics**: \( R,G,B = 0 \) prints as \( K \) only
- **100\% K prints as \( K \) only**

#### Composite overprint

#### Optimize RGB transparency

#### Output profile & calibration
- Use media defined profile
Fiery Command WorkStation 6 FS200 Color Settings

**Color mode**
- **RGB** (Adobe RGB Embedded)
- **CMYK/Grayscale** (GRACoL 2006 Embedded)

**Source profile**
- Adobe RGB
- ISO Coated FOGRA39L

**RGB rendering intent / CMYK processing method**
- **Photographic**
- Full (Output GCR) – Relative Colorimetric

**Print gray using black only**
- K only output for RGB text/graphics: $R = G = B$
- K only output for CMYK text/graphics/images: $C,M,Y= 0\% \ K= x\%$

**Black point compensation**
- ✓
- ✓

**Separate RGB/Lab to CMYK source**
- **Black text and graphics**
  - $R,G,B = 0$ prints as $K$ only
  - $100\% K$ prints as $K$ only

**Composite overprint**
- Use media defined profile

**Optimize RGB transparency**
- Use media defined profile

**Fiery spot color table** (linked to output profile)
Fiery Command WorkStation 6 FS200 Color Settings

**Color mode**
- RGB (Adobe RGB Embedded)
- CMYK/Grayscale (GRACoL 2006 Embedded)

**Source profile**
- Adobe RGB
- ISO Coated FOGRA39L

**RGB rendering intent / CMYK processing method**
- Photographic
- Full (Output GCR) – Relative Colorimetric

**Print gray using black only**
- K only output for RGB text/graphics
  - R = G = B
- K only output for CMYK text/graphics/images
  - C,M,Y= 0% K= x%

**Black point compensation**
- ✓
- ✓

**Separate RGB/Lab to CMYK source**
- R,G,B = 0 prints as K only & Overprints (text)
- 100% K prints as K only & Overprints (text)

**Composite overprint**

**Optimize RGB transparency**

**Output profile & calibration**
- Use media defined profile

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**Fiery spot color table** (linked to output profile)

- Adobe RGB
- ISO Coated FOGRA39L

---

**Use media defined profile**

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Fiery Command WorkStation 6 FS200 Color Settings

**Color mode**
- RGB (Adobe RGB Embedded)
- CMYK/Grayscale (GRACoL 2006 Embedded)

**Source profile**
- Adobe RGB
- ISO Coated FOGRA39L

**RGB rendering intent / CMYK processing method**
- Photographic
- Full (Output GCR) – Relative Colorimetric

**Print gray using black only**
- K only output for RGB text/graphics
  - $R = G = B$
- K only output for CMYK text/graphics/images
  - $C, M, Y = 0\%$ $K = x\%$

**Black point compensation**
- On
- On

**Separate RGB/Lab to CMYK source**
- R, G, B = 0
  - prints as K only & Overprints (text)
- 100% K prints as K only & Overprints (text)

**Composite overprint**
- On

**Optimize RGB transparency**

**Output profile & calibration**
- Use media defined profile
# Fiery Command WorkStation 6 FS200 Color Settings

## Color mode

### RGB (Adobe RGB Embedded)
- **Source profile**: Adobe RGB
- **Black text and graphics**: R,G,B = 0 prints as K only & Overprints (text)
- **Composite overprint**: ✔
- **Optimize RGB transparency**: ✔

### CMYK/Grayscale (GRACoL 2006 Embedded)
- **Source profile**: ISO Coated FOGRA39L
- **Black text and graphics**: R,G,B = 0 prints as K only & Overprints (text)
- **Composite overprint**: ✔

## Source profile

- **Adobe RGB**
- **ISO Coated FOGRA39L**

## RGB rendering intent / CMYK processing method

- **Graphical**
- **Full (Output GCR) – Relative Colorimetric**

## Print gray using black only

- **K only output for RGB text/graphics**
  - R = G = B
- **K only output for CMYK text/graphics/images**
  - C,M,Y = 0% K= x%

## Black point compensation

- ✔

## Separate RGB/Lab to CMYK source

- **R,G,B = 0**
- **100% K prints as K only & Overprints (text)**

## Black text and graphics

- **K only output for CMYK text/graphics/images**
  - C,M,Y = 0% K= x%

## Composite overprint

- ✔

## Optimize RGB transparency

- ✔

## Output profile & calibration

- **Use media defined profile**

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Fiery spot color table (linked to output profile)
2-color print mapping – Allows operators to replace the black and a specific color of a two-color job with the required spot colors, without modifying the original job. Ensures accurate spot color matching from Fiery Spot-On when printing the final spot colors.
Substitute colors – Allows specific RGB or CMYK color tints in source documents to be mapped to specific CMYK tints on printed output.
Fiery Command WorkStation 6 Color Settings

Combine separations – Combines legacy preseparated PostScript files so that each page prints as one composite CMYK page rather than four separations.
Auto trapping – Operators can achieve professional-level results without the tools and knowledge required for conventional trapping. The feature automatically traps adjacent color objects by spreading the lighter color at each boundary into the darker color adjacent to it. Trapping is used so that the paper white gap is not seen between adjacent color objects if there is slight misregistration on press.
ImageViewer curves – Enables users to apply color curves on a per job or per workflow basis. Factory defaults are provided for common adjustments such as midtone boost, and reduce color cast. Customers with Graphic Arts Package, Premium Edition can create custom curves in Fiery ImageViewer that can be selected in Job Properties via ImageViewer curves control.
Fiery Command WorkStation 6 FS200 Color Settings – Best Practice Settings

<table>
<thead>
<tr>
<th>Color mode</th>
<th>RGB (Adobe RGB Embedded)</th>
<th>CMYK/Grayscale (GRACoL 2006 Embedded)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Source profile</td>
<td>Adobe RGB</td>
<td>ISO Coated FOGRA39L</td>
</tr>
<tr>
<td>RGB rendering intent/CMYK processing method</td>
<td>Photographic</td>
<td>Full (Output GCR) – Relative Colorimetric</td>
</tr>
<tr>
<td>Print gray using black only</td>
<td>K only output for RGB text/graphics</td>
<td>K only output for CMYK text/graphics/images</td>
</tr>
<tr>
<td>Black point compensation</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Separate RGB/Lab to CMYK source</td>
<td>R,G,B = 0</td>
<td>K only output for CMYK text/graphics/images, C,M,Y= 0% K= x%</td>
</tr>
<tr>
<td>Black text and graphics</td>
<td>R,G,B = 0</td>
<td>100% K prints as K only &amp; Overprints (text)</td>
</tr>
<tr>
<td>Composite overprint</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Optimize RGB transparency</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Output profile &amp; calibration</td>
<td>Use media defined profile</td>
<td></td>
</tr>
</tbody>
</table>

- Use media defined profile
- FIERY Command WorkStation 6 FS200
- Job Properties
- Adobe PDF Print Engine Preferred
- Color mode
  - CMYK
  - Grayscale
- Output profile
  - Use media defined profile
  - Calibration: GeneralRail-US, Default measurements
- Color mode
  - RGB:  Adobe RGB
  - CMYK: ISO Coated FOGRA39L
- RGB source: 80 Coated FOGRA39K (487)
- CMYK source: (ISO Coated FOGRA39K)
- Use embedded profile
- CMYK source: (ISO Coated FOGRA39K)
- CMYK processing method: Full (Output GCR)
- Black point compensation
- Yellow only output for CMYK text/graphics/images
- C,M,Y= 0% K= x%
How to create a preset for best practices

Next: Server defaults
How to set server defaults

Next: Taking it a step further
Taking it a step further
Fiery Color Profiler Suite

• Integrated color management solution
  – Most complete software solution on the market for profile creation, inspection, linking, editing and quality assurance
  – G7 certified DFE profiling software
Fiery Graphic Arts Package, Premium Edition

• **Free 30-day trial**
  – Minimize wasted clicks by identifying and troubleshooting production problems before printing

• **Who is eligible?**
  – Current Fiery customers with Fiery FS100 Pro, FS150 Pro or FS200 Pro external servers
What we learned & resources
What we learned

- Command WorkStation 6 new color tab interface
  - How to get to settings
- Color flowchart
  - Description of color settings
  - How to set new workflow that complies with local standards
  - Importance of making custom profiles
  - Best practice color settings
  - Server defaults
- Next - Resources
Resources

• In product help
  – Help from Set Defaults and Job Properties color tab
Resources

• Color and Imaging webpage at: effi.com/fierycolor
Resources

• Learning@EFI

Description
Version 6 of the print job management interface for cut sheet Fiery Driven™ engines offers a new user interface to provide a more engaging and intuitive printing experience that allows users to manage print jobs faster and boost print production.

Duration
40 minutes

Content
Express videos
Simulation learning
Resources

- [FieryForums.efi.com](FieryForums.efi.com)
### Webinar sessions

<table>
<thead>
<tr>
<th>Webinar sessions</th>
<th>Topics covered</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>3 Key Steps to Getting the Right Color</em></td>
<td>• Color Basics 101&lt;br&gt;• 3 key steps to get right color (color settings, calibration, profiling)</td>
</tr>
<tr>
<td><em>ABC's of Producing the Best Match for Spot Colors</em></td>
<td>• DFE tools for spot color matching&lt;br&gt;• Design file challenges with spot colors</td>
</tr>
<tr>
<td><em>Best Practices for Matching Industry Color Standards</em></td>
<td>• Press certification programs&lt;br&gt;• How to match a reference&lt;br&gt;• Perfect PDF output standards</td>
</tr>
<tr>
<td><em>Best Practices for Producing Outstanding Image Quality Results</em></td>
<td>• Optimizing image and vector quality&lt;br&gt;• Print workflow for PDF X/4</td>
</tr>
<tr>
<td><em>Achieving Great Output Quality with your Paper</em></td>
<td>• Paper-critical configuration for digital&lt;br&gt;• Optical brightening agents</td>
</tr>
<tr>
<td><em>Advanced Color Management for Digital Print Systems</em></td>
<td>• Profile selection and embedded profiles&lt;br&gt;• PDF/X output intent&lt;br&gt;• Rendering intents&lt;br&gt;• Black point compensation&lt;br&gt;• Problems with printing with black</td>
</tr>
<tr>
<td><em>G7 calibration with Fiery Color Profiler Suite</em></td>
<td>• G7 background and history&lt;br&gt;• G7 calibration for Fiery servers</td>
</tr>
</tbody>
</table>
Command WorkStation 6 webinars

• **Session 1** – Overview and new features
  – Watch the recording

• **Session 2** – Configuring color settings and best practices
  – Recording will be emailed

• **Session 3** – New features in Fiery makeready solutions
  – Register to join next week Aug 23/24
You are invited

• PRINT 17
  Sept. 10-14 in Chicago, IL
  EFI Booth #2302

• 2018 EFI Connect Users’ Conference
  Jan. 23-25 at The Wynn Las Vegas
  efi.com/connect

• EFI inkjet printers
EFI Applications Gallery
Questions

FieryForums.efi.com
Thank you!