

How to:

Optimize color quality of documents



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Feature overview

Learn how to produce great color quality in documents by taking advantage of the standard state-of-the-art Fiery® color reproduction capabilities. These include spot colors, auto-trapping, image smoothing, spot color composite overprint, plus text and graphics enhancement.

Objectives

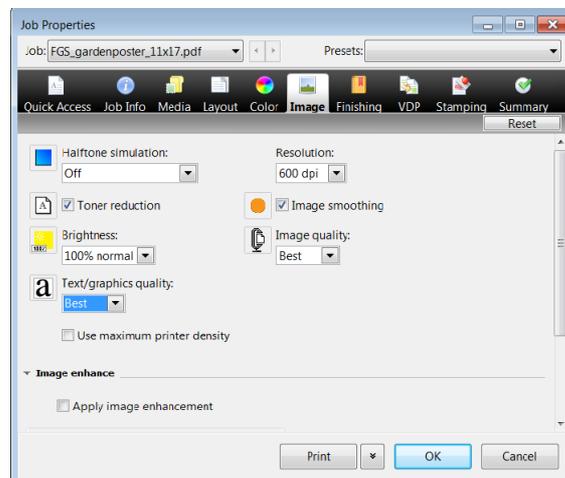
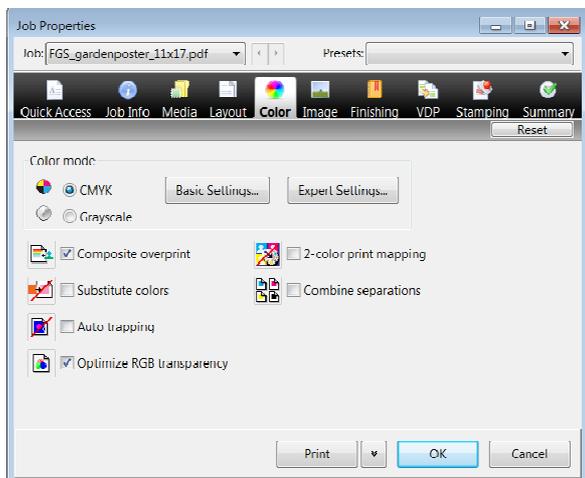
- Apply optimized color and image-quality settings in Job Properties

Additional resources

For additional software downloads, training resources and more, go to [Fiery Online Resources](#).

Before you begin

- Open Fiery Command WorkStation® 5.7 or later and connected to at least one Fiery server running Fiery FS200/FS200 Pro
- Place the sample file, **FGS_gardenposter_11x17.pdf** or **FGS_gardenposter_A3.pdf**, in the Fiery server Hold queue. Drag the file into the Command WorkStation Held list, or use the Command WorkStation Import menu option.
- Ensure the printer and Fiery server have been calibrated before printing any output.



Apply optimized color and image-quality settings in Job Properties

1. Select the **FGS_gardenposter_11x17.pdf** or **FGS_gardenposter_A3.pdf** file in the Command WorkStation held list. Then right-click to select **Print and Hold**.
2. Locate the **FGS_gardenposter_11x17.pdf** or **FGS_gardenposter_A3.pdf** file in the Held list. Then right-click select **Job Properties**.
3. Click the **Color** icon and set the following options:
 - a. Select the **Optimize RGB Transparency** check box.
 - b. Click **Expert Settings** to open the Advanced Edit dialog box.
 - c. In the Color Input tab CMYK/Grayscale area, select the **PDF/X output intent** check box.
 - d. In the RGB Lab area, select the **Use embedded profile when present** check box.
 - e. In the Spot color area, select the **Spot color matching** check box.
 - f. Select the Output tab, and confirm the correct output profile is selected for your job.
 - g. Click **OK** to close the Advanced Color settings.
4. Click the **Image** icon.
 - a. Select the **Image Smoothing** check box.
 - b. In Text/Graphics Quality, select **Best**.
5. Click **Print** to submit the job to the output device.
6. Collect the output and compare with the first print sample from step 1.

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Note:

Page two for this sample file contains information to identify each area on page one. You can use it to reference the Job Property setting that optimized color for that section.



FGS Garden Poster Description

This poster demonstrates the key color management qualities a Fiery® server can handle. It produces the best matches for spot colors. It handles transparencies and overprints beautifully. And Fiery servers can manage multiple color spaces in a single document.

The sample file image to the right shows all the settings users can check to guarantee the best output.

1. Use when APPE is not selected.
2. Select either Auto Trapping or Best Quality for Text/Graphics, based on customer's preference.

To properly configure Fiery Driver settings and Job Properties, check the following...

Composite Overprint
Optimize RGB Transparency¹
Auto Trapping
Image Smoothing
Text/Graphics Quality Best²
Image Quality Best
Use Embedded Profiles when Present
Spot Color Matching

Overprint Spot Colors
Transparent Background
RGB Color Space
Spot Color Transparency 25%
CMYK Color Space
Low Resolution Image

Thin Black Lines
Gray Scale Image
Gray Scale Image
Small Font

Overprint
Spot Color Transparency
Spot Color

Inverted RGB Color Space
Adobe RGB Color Space
RGB Color Space
Spot Color
RGB Transparency Drop Shadow
CMYK Color Space
Spot Color Trapping



FGS Gardening Poster

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