

How To Adjust a Spot Color

GX Print Server for PrimeLink™

Version 1.0

FUJIFILM Business Innovation Corp.

Overview

This exercise will demonstrate the ability to make changes to the Spot colors installed within the GX Print Server's color libraries. This feature can be used to improve the color accuracy of Spot Color standards such as those specified by Pantone. Custom colors can also be specified, and then edited against samples printed on specific paper types.

Objective

By the end of this exercise you will be able to:

- Find the location of the setting on the GX Print Server
- Make an adjustment to the default value
- Compare the results



BEFORE

Print Server controls



Adjust a Spot Color

1. In the shortcut area, select [CMS] > [Spot Color].

| l doL | a Manager | Import Jo | os Job Histo | ry Imp | Disition Template | CMS | Calibration |
|--------------------------|--|--------------------------|---------------------|--------------|-------------------|---------------------|-------------|
| CMS | User Adjustn | nent Curve | Density Adjustment | Spot Color | Color Replacement | Trapping Setup File | |
| Spot Colo Select Cate | r: 1846 Item(s gories PANTO Palett |) NE+ Solid Coa te | tted-V3 V Find Spot | t Color Name | Preferences) | t Curve | |

2. Click [Preferences] and select the required colour profile in [Profile].

| E | | ₽ | | B | rea . | | |
|----------------|---------------|----------|--------------|------------------------|----------------------------|--------------------------|-----------------------|
| Job Mar | nager | Import J | obs | Console | Form | | |
| CMS I | Jser Adjustme | nt Curve | Density / | Adjustment Spot Cold | Color Replacement | Trapping Setup File | |
| Spot Color: | 2221 Item(s) | | ar. | #1 | | | |
| Select Categor | ies DIC | v) CED | d Spot Color | Name Q | | | |
| * 20 | Palette | Ou | tput Chart | C Restore Defaults | O Preferences | Curve D | |
| Category | Modified | Color | Name | L*a*b* | CMYK Converted Value | Tint Reproduction Method | Use Specialty Dry Ink |
| DIC | | | DIC 1 | (85.86, 12.91, 19.64) | (0.04, 20.24, 26.06, 0.00) | | |
| DIC | | | DIC 2 | (84.09, 14.97, 13.45) | (0.36, 22.41, 20.69, 0.00) | | |
| DIC | | | DIC 3 | (82.70, 18.47, -1.46) | (0.76, 23.72, 5.54, 0.00) | | |
| DIC | | 1 | DIC 4* | (78.12, 31.81, 14.29) | (0.00, 41.56, 26.78, 0.00) | | |
| DIC | | | DIC 5* | (80.68, 24.83, 24.98) | (0.00, 35.40, 36.92, 0.00) | | |
| DIC | | | DIC 6* | (79.54, 26.65, 31.91) | (0.00, 38.21, 45.25, 0.00) | | |
| DIC | | | DIC 7 | (82.71, 17.50, 38.18) | (0.00, 28.73, 48.13, 0.00) | | |
| DIC | | | DIC 8 | (85.78, 9.39, 39.74) | (0.00, 19.46, 45.57, 0.00) | | |
| DIC | | | DIC 9 | (88.71, 0.31, 47.26) | (0.19, 9.67, 49.21, 0.03) | | |
| DIC | | | DIC 10 | (88.29, -13.90, 44.65) | (11.39, 0.57, 49.59, 0.11) | | |
| DIC | | | DIC 11* | (86.16, -20.72, 45.04) | (20.94, 0.19, 56.03, 0.00) | | |
| DIC | | | DIC 12* | (83.55, -21.20, 41.51) | (24.60, 0.54, 55.14, 0.00) | | |
| DIC | | | DIC 13* | (81.61, -25.39, 31.50) | (32.60,0.01,50.63,0.00) | | |
| DIC | | | DIC 14* | (79.1831.01.28.06) | (41.38.0.01.53.39.0.00) | | |

| Spot Color - F | references | 🗂 🗙 |
|-------------------|------------|----------|
| Profile | Standard | V Select |
| Correction Intent | Saturation | ~] |
| | (| Cancel |

3. Click **[OK]** to apply the changes.



Please select the color profile which will be used for your job. [Standard] is the default color profile for Silk Coated 140gsm. 4. Click [Select Categories] to choose the required Spot Color library

| Job I | Manager Import Jobs | | Console | 0 | Form | | | | |
|-----------|--------------------------------|-----------------|--------------|--------------|--------------------|-------------|----------|--------------------|----------------------|
| CMS | User Adjustment Curve | Density / | Adjustment | Spot Colo | Color Replac | cement 1 | Trapping | Setup File | |
| pot Colo | r: 9133 Item(s) | | | | | | | | |
| lect Cate | gories All V Find S | pot Calo | Name Q | | | | | - | |
| All | | art | C Resions | Defaults: | • Preferences | Tint C | Curve | 3 | |
| DIC | | ne | L"a"b" | | CMYK Converte | d Value | Tint R | eproduction Method | Use Specialty Dry In |
| PAN | TONE+ Metallics Coated | 1 | (85.86, 12. | 91 , 19 64) | (0.04 , 20.24 , 26 | 06,0.00) | | | |
| PAN | TONE+ Pastels & Neons Coated | 2 | (84.09, 14. | 97 , 13.45) | (0.36, 22.41, 20 | .69 , 0.00) | | | |
| DAN | TONE+ Pastels & Neeps Lincont | 3 | (82.70, 18. | 47 , -1.46) | (0.76 , 23.72 , 5. | 54,0.00) | | | |
| | TONE (Pasiels à Neolis Dicoa | eu 4* | (78.12, 31. | 81 , 14.29) | (0.00, 41.56, 26 | .78 , 0.00) | | | |
| PAN | ONE+ Premium Metallics Coati | 5* 5t | (80.68, 24. | 83 , 24.98) | (0.00, 35.40, 36 | .92 , 0.00) | | | |
| PAN | TONE+ Solid Coated-V3 | 6* | (79.54, 26. | 65 , 31.91) | (0.00, 38.21, 45 | 25, 0.00) | | | |
| PAN | TONE+ Solid Uncoated-V3 | 7 | (82.71, 17. | 50 , 38.18) | (0.00, 28.73, 48 | .13 , 0.00) | | | |
| TOY | 0 | 8 | (85.78, 9.3 | 9,39.74) | (0.00, 19.46, 45 | .57 , 0.00) | | | |
| Sner | ialty Color | 9 | (88.71, 0.3 | 1,47,26) | (0.19, 9.67, 49.3 | 21, 0.03) | | | |
| Cue Y | Yoray Motollio Standard | 10 | (88.29 , -13 | .90 , 44.65) | (11.39, 0.57, 49 | .59 , 0.11) | | | |
| Fuji | verox metanic - Standard | 11* | (86.16, -20 | .72 , 45.04) | (20.94, 0.19, 56 | .03 , 0.00) | | | |
| (Fuji) | Kerox Gold Metallic - Standard | 12 ^z | (83.55 , -21 | .20 , 41.51) | (24.60, 0.54, 55 | .14 , 0.00) | | | |
| IC Cust | om | 13* | (81.61, -25 | .39 , 31.50) | (32.60, 0.01, 50 | 63,0.00) | | | |
| IC. | | 1C 14* | (79.18 .31 | 01 20.06) | 141 20 0.01 52 | 20 0 001 | | | |

5. Select the required spot color and click [Palette].

| E E | • | | | m | | | | | |
|----------------------------------|---------------|-----------|------------|-------------|----------|----------|------------|--------------------------------|------------------------|
| Job Manager Impo | rt Jobs | Console | | Form | | | | | (2)(|
| CMS User Adjustment Cur | ve Density Ac | ljustment | Spot Color | Color Repla | cement | Trappir | ng Setup f | ile) | |
| Spot Color: 1846 Item(s) | | | - | | | | | | |
| Select Categories PANTONE+ Solid | Coated-V3 V | Eind Spot | Color Name | Q | | | | | |
| 🕷 🖊 🛍 🖉 Palette 🔳 | Oulput Chart | Chemiere | Codavity | Preferences | (🖾 Tint | Curve | 5 | | |
| Category | Modified | Color | Name | | L"a" | b" | | CMYK Converted Value | Tint Reproduction Me * |
| PANTONE+ Solid Coated-V3 | | R. | PANTONE | 1767 C | (79.8 | 3, 32.08 | 0.06) | (0.00, 37.50, 8.85, 0.00) | |
| PANTONE+ Solid Coated-V3 | | t di | PANTONE | 1777 C | (63.9 | 7,62.37 | , 16.25) | (0.00, 76.02, 36.59, 0.00) | |
| PANTONE+ Solid Coated-V3 | | | PANTONE | 1787 C | (56.7 | 4, 72.73 | , 35.51) | (0.00, 91.70, 64.18, 0.00) | |
| PANTONE+ Solid Coated-V3 | | | PANTONE | 1797 C | (48.1 | 3,61.06 | , 33.12) | (4.63, 86.84, 64.58, 0.03) | 1 |
| PANTONE+ Solid Coaled-V3 | | S - 33 | PANTONE | 1907 C | (40 1 | 4,4774 | , 23 49) | (24 77 , 87 40 , 66 90 , 4 14) | |
| PANTONE+ Solid Coated-V3 | | | PANTONE | 1817 C | (28.4 | 3,23.18 | , 9.23) | (43.84, 78.77, 63.38, 29.54) | |
| PANTONE+ Solid Coaled-V3 | | 8 8 | PANTONE | 7618 C | (56.9 | 0,38.07 | , 32.43) | (11.72, 62.82, 63.20, 0.10) | |
| PANTONE+ Solid Coated V3 | | 1 1 | PANTONE | 7619 C | (49.3 | 6,49.37 | , 37.20) | (11.36, 78.43, 73.65, 0.14) | |
| PANTONE+ Solid Coated-V3 | | | PANTONE | 7620 C | (43.6 | 9,56.37 | , 36.91) | (14.26, 89.08, 77.35, 0.48) | |
| PANTONE+ Solid Coated-V3 | | | PANTONE | 7621 C | (39.6 | 5,56.66 | , 34.27) | (19.18, 93.76, 78.66, 1.88) | |
| PANTONE+ Solid Coated-V3 | | 8 - D | PANTONE | 7622 C | (35.3 | 3,47.37 | , 25.41) | (28.61, 92.36, 75.07, 7.89) | |
| PANTONE+ Solid Coated-V3 | | | PANTONE | 7623 C | (33.6 | 6,43.26 | 24.24) | (31.75, 91.20, 78.74, 11.24) | |
| PANTONE+ Solid Coated-V3 | | | PANTONE | 7624 C | (32.5 | 5,37.49 | , 20.83) | (35.18, 87.84, 74.80, 15.38) | |
| - | | | | | | | | | + V |

6. Select a paper tray and click [Print].

| pecifying Settin | gs and Printing | | | |
|--|--------------------------|--|---------------------------------|-----------------------|
| | Name PANTO L* 48.13 | a* 61.06 | b* 33.12 | |
| 1. Specify the o | color differences for th | e selected spot color. | 5 — | + (1-10 |
| Specify the b Select a tray | orightness range for th | e selected spot color. Bypass Tray: A4(210x297n | 3 — nm) SEF, Plain, White, 1 | 90 gsm |
| 4. Print the cold | or sample. | | Save / | After Printe Print |
| Drawinus | Step 1 | Step 2 | (N | |

A printed sample will be sent to the printer.



7. Click [Next].

| | Name | PANTO | NE 1797 C | | | |
|-----------------|--------------------------|-------------|---------------|-----------|-------------------|------------------|
| | L* 4 | 8.13 | a* | 61.06 | b* 33 | 12 |
| 1. Specify the | color differe | nces for th | e selected sp | ot color. | 5 | - + (1-10 |
| 2. Specify the | brightness r | 3 | - + (1-5) | | | |
| 3. Select a tra | Bypass Tray: A4(210x297r | | | | ım) SEF, Plain, W | hite, 90 gsm 🚿 |
| | | | | | s | ave After Printe |
| 4. Print the co | olor sample. | | | | | Print |
| | | | | | | |
| | | | | | | |

8. Select the number next to the patch on the printed output which matches best, (either a sample or Pantone book) and click [OK].

| Spot C | olor - Pa | alette | | | | | | Ē | > |
|--|---------------------------|-----------|---------------|----------|------------|--------------------|-------------------|----------|----|
| Step | 2 🔿 | | | | | | | | |
| Selectio | n and Regi | istration | | | | | | | |
| 1. Cho | ose a color ponding nu | to be n | egistered fro | im the | color samp | les, and enter the | | + (1-26 | 1 |
| 2. Con Color I | firm the L*: Name. | a*b* val | ue. If you wa | ant to c | hange and | register the spot | color name, enter | the Spot | |
| L* | 48.13 | a* | 66.06 | b* | 33.12 | | | | |
| Nan | ne PAN | TONE | 1797 C | | | | | | |
| - P | TRAVIOUS. | | ten 1 🕨 | Sten | 2 | | | OK | |
| <u>[</u> | CVICOS | - | cup i 🕨 | onep | | | 10 | UN | - |
| | | | | | | | | | |
| | | | | | | | | Cano | el |

The library will now be updated with the change.

Congratulations you have now completed this exercise.