



# Using Print Mode Defined Colors

Print Mode Defined Colors is a tool in ONYX. This tool provides a way to create custom spot colors applied only to a specified print mode. It can also be used as a way to automate replacing the out values of existing spot colors. This document explains how to use Print Mode Defined Colors.

## Differences between User Defined and Print Mode Defined Colors

The ONYX RIP program has the ability to add custom spot colors using User Defined Colors. Print Mode Defined Colors provides another way to add custom or replace existing spot colors, based on a selected print mode. In User Defined Colors, the custom spot colors are defined by Lab values. These Lab values are applied to all media profiles. Some media profiles may not be capable of printing acceptable color with the given Lab values. Using a different mix of ink can get better results. Print Mode Defined Colors provides a way to accomplish this.

Print Mode Defined Colors provides a way to add spot colors, by creating print mode specific color tables. They are not defined in Lab, but by the output channels associated with the print mode. For example, if a printer uses CMYKRGB, a custom spot color can be configured in CMYKRGB.

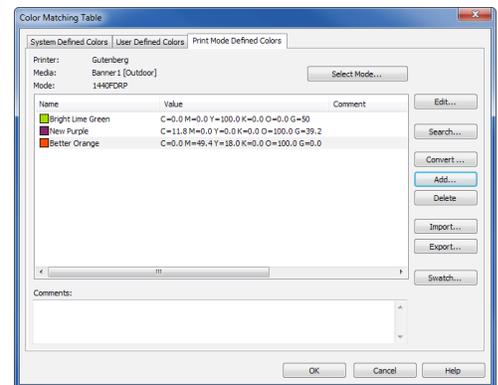


Figure 1: Print Mode Defined Colors tab

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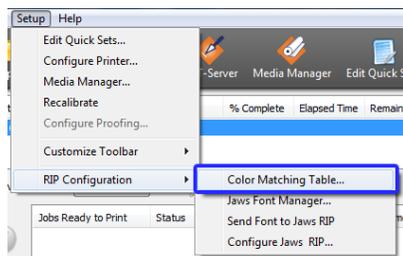


Figure 2: Color Matching Table in RIP-Queue

Print Mode Defined Colors is located in RIP-Queue. Go to the *Setup* menu, then choose *RIP Configuration* and click on *Color Matching Table*. In the new window, choose the *Print Mode Defined Colors* tab.

A print mode must be selected before any spot colors can be added. Click on *Select Mode*. This button needs to be used every time the user accesses Print Mode Defined Colors. If a print mode is chosen that had colors previously added, those colors will be listed. After clicking *Select Mode* choose the printer, the *Media Group*,

*Media* and lastly the *Print Mode*. Click *OK* to accept.

After choosing the desired print mode spot colors can be added. Click *Add*. Enter a name for the spot color. Next enter the output values the mode will use to make the color and then click *OK*.

## Some Tips for Using Print Mode Defined Colors

### Automate a Spot Color Replacement

Printing a spot color, like a Pantone or HKS color may not always come out acceptable with a give print condition. This problem can be addressed by using Print Mode Defined Colors. The first step is determining the replacement output values. Swatch Books will help find the right replacement values. Enter these values for a new color in Print Mode Defined Colors. The name for the new color must be the same name as the original spot color name. The ONYX software will first look at the Print Mode Defined Colors. If a match is

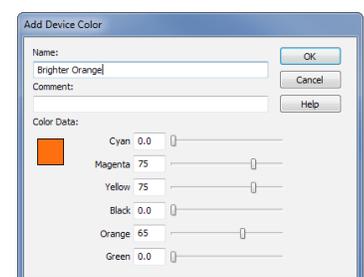


Figure 3: Adding a new spot color

found, the search stops. The new values are used.

## Creating Backup Copies of the Print Mode Defined Colors

Backup files for Print Mode Defined Colors can be made using the *Export* button, creating a PrnInst file or an OML file.

In the Print Mode Defined Colors tab, click *Export* and save the Tab file. Save the file to a location outside of the ONYX program directory.

The other backup method is done by creating a PrnInst or an OML file. Information about the spot colors in Print Mode Defined Colors is stored in the media profiles. A backup of the spot colors is made every time a PrnInst or an OML file is generated. Check mark the media profile that contains the print mode and save the backup file.

Importing can be done using the Tab file, or by importing the media profile from a PrnInst or an OML file. In the *Print Mode Defined Colors* tab, click on the button, *Select Mode*. Choose the media and mode. Next click *Import* and select the Tab file. The spot colors are now imported.

If a media profile is backed up after creating Print Mode Defined Colors, they will automatically be imported when the media profiles are imported from a PrnInst or an OML file.

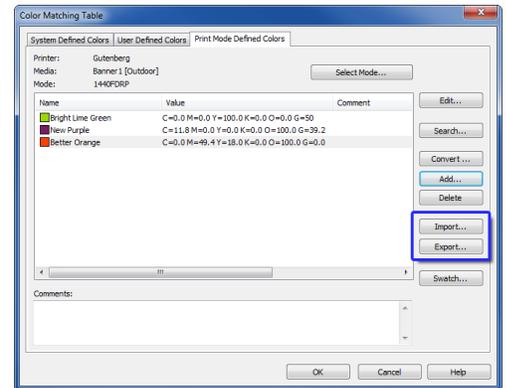


Figure 4: Import and Export in Print Mode Defined Colors