



COLORSOURCE

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ICC Profile Converter application sample technical note:

1) "7_CLR_CMYKOGV_Press_Profile_OK.icc" is a press profile characterizing a 7 colors press. The press was set using Colorsource **SPOT_Gravure** application.

2) "Virtual_RGB_7_CLR_CMYKOGV_Press_Profile_OK.icc" is the RGB ICC profile of a virtual RGB press having exactly the same color gamut as the real 7 colors press.

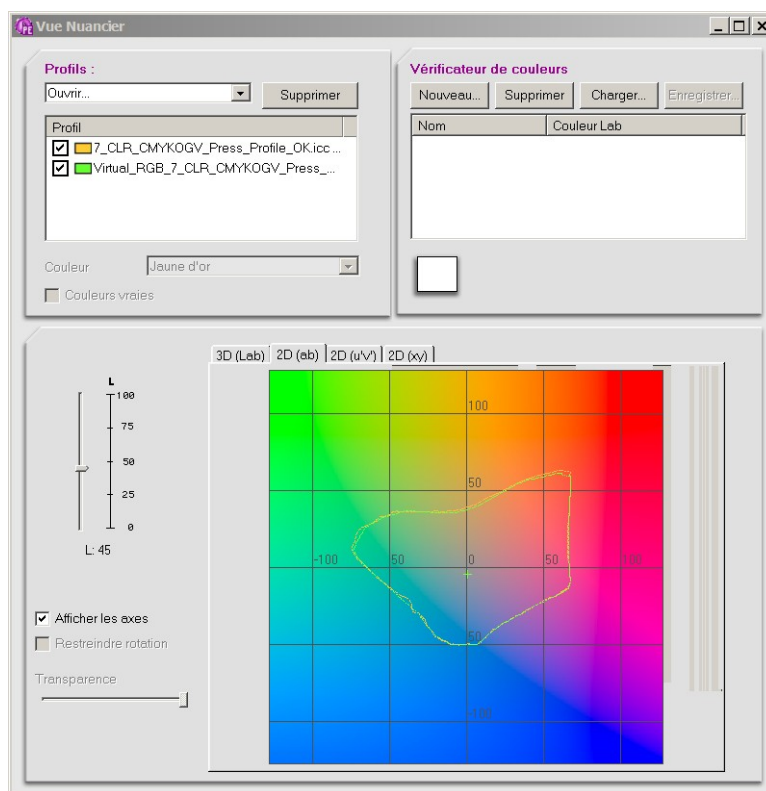
This RGB ICC profile has been computed directly by **ICC Profile Converter** from the real 7 colors press ICC profile "7_CLR_CMYKOGV_Press_Profile_OK.icc".

Soft proofing: This RGB profile can be used with all desktop publishing applications for **previewing your original images as they will be printed on the 7 colors press**, and for making your RGB color separations using the full 7 colors press color gamut.

Hard proofing: This virtual 7 colors press RGB ICC profile also allows you easy hard color proofing of your virtual 7 colors press RGB color separations, because you can use it as RGB source profile with any PostScript RIP on any color proofing system!

7 colors printing: These RGB color separations can be later changed on the prepress workflow into 7 color separations for the press, with no color change or compression.

You can easily check, for example using ProfileMaker ProfileEditor, that both real and virtual 7 colors press ICC profiles do have the same color gamut:



3) You can as well check both real and virtual press ICC profiles by softproofing a same original Lab image using Photoshop with both profiles:

Sample original image (Bali_Lab_original_small.tif):



CMJN ISOcoated_v2 preview:



Real or virtual 7 Colors press preview:



3) For information: Above used custom 7 colors standard print configuration specifications:

The "Inks and substrate specifications.cxf" file contains the spectral inks and substrate specifications allowing you formulation and controlling properly your 7 colors ink set with **SPOT_Color_Manager** application.

"Inks and substrate specifications.txt" is an excel export of the CxF file from i1share application.

The PDF "**Summary of press setting specifications for matching reference 7 CLR ICC profile.pdf**" describes the press setting specifications in terms of target solid colors, inks superimpositions of interest and in terms of target TVI curves.

This PDF allows setting the press using **SPOT_Gravure** application.