

How to do an art reproduction

<u>Application:</u> Adobe Acrobat <u>Printer:</u> HP Designjet Z6100 series <u>Software</u>: HP PS Driver <u>Operating System:</u> Mac OS X



You should consider that each person has their own perception and their own subjective opinion about the result; this is because there are various factors that can influence our opinions, such as the type of art reproduction (portrait, landscape...), the source color space, the media used, the environmental conditions, the subjective perception about your own image, etc.... This means the printing suggestion may not completely match with your own personal opinion.

- 1. First recommendations:
 - I order to get a correct display, it's also essential to have the monitor calibrated, refer to the <u>Profile my monitor</u> document.
 - See the Media type functionality & features and choose the most appropriate media.
 - Ensure that the Paper Type setting on the front panel corresponds to the paper that you intend to use. It is essential that the paper is correctly color calibrated for the printer; refer to the <u>Calibrate my printer</u> document.
 - If the paper that you are using is not listed, we strongly recommend creating a new Custom Paper Type, or if you cannot find a paper type that resembles yours closely enough. You can add a custom paper automatically by using the HP Color Center; refer to the <u>Add and profile a new paper type</u> document.
- 2. Open Acrobat (If you are intended to print from Adobe Acrobat Reader, go to step 4).
- 3. Configure the Color Management options, Acrobat menu > Preferences...:
 - **Working Spaces > RGB**: Select the profile of the scanner or camera you have used to get your file (source profile), if you don't have it, select Adobe RGB (1998).
 - Working Spaces > CMYK: Select Europe ISO Coated FOGRA27 (for Europe), U.S. Web Coated (SWOP) v2 (for US) and Japan Standard v2 (for Japan).
 - Check Use black point compensation check box.

	Preferences	
Accessibility Batch Processing Catalog Color Management Commenting Convert From PDF Convert To PDF Digital Signatures Forms Full Screen General Identity Internet JavaScript Multimedia Page Display Reeding Reviewing Search Smoothing Spelling Startup TouchUp Trust Manager Units & Guides Updates Web Capture	Color Setup Settings: Custom Working Spaces RCB: Adobe RGB (1998) CMYK: U.S. Web Coated (SWOP) v2 Grayscale: Gray Gamma 2.2 Image: Output Intent overrides working spaces Conversion Options Engine: Adobe (ACE) Image: Use black point compensation Description Choose a profile for untagged CMYK objects.	
	Cancel	

- 4. Open your file, **File menu > Open...**.
- 5. Make sure you have configured the Page Setup appropriately for your current document; **File menu > Page Setup...**:
 - Format for: Select your printer again (ex. HP Designjet Z6100 24in Photo).
 - **Paper Size**: Select the paper size of the media loaded on the printer.
 - **Orientation**: Select the orientation of your image on the paper.

	Page Setup	
Settings:	Page Attributes	•
Format for:	HP Designjet Z6100ps 42in	;
	HP Designjet Z6100ps 42in Photo)
Paper Size:	(A3	•
	29.70 cm x 42.02 cm	
Orientation:		
Scale:	100 %	
?)	Cancel) (ок

- 6. Adobe Acrobat print settings; **File menu > Print...**:
 - **Printer**: Select the printer (ex. HP Designjet Z6100ps 42in Photo).
 - Select the printing options you need, **Page Scaling**, **Print What...**:

	Print		
Printer:	HP Designjet Z6100	os 42in Ph 🛟	
Presets:	Standard	;	
	Copies & Pages	•	
Copies: 1	Collated	Preview K	s
Current view Current page From:	1 to: 1		
Subset: All Pages	a second a second s		
Page Scaling: None			
Auto-Rotate an	d Center		
Advanced	Printing Tips	보 Units: Inches Zoom	: 100%
? PDF ▼ Pre	view	C	ancel Print

- Click **Advanced...** button:
 - Output > Color: Select Composite.
 - Output > Printer Profile: Select Printer/PostScript Color Management.
 - Check Apply Working Color Spaces check box.

	Advanced Print Setup		
ettings: Custom	Delete Save As		
rinter: HP Designjet Z2100 24i	n Photo 🗌 Print As Image		
	Output		
Dutput	Color: Composite		
Marks and Bleeds Transparency Flattening	Screening: Default Screen		
ostScript Options	Flip: None 🗘 🗌 Negative		
	Printer Profile: Printer/PostScript Color Management		
	Apply Working Color Spaces		
	Apply Proof Settings		
	Simulate Overprinting		
	Use Maximum Available JPEG2000 Image Resolution		
	Emit Trap Annotations		
	I- Ink Manager		
	Plate Control Emit All Plates		
	Process Cyan		
	Process Magenta		
40	Process Yellow		
	Select this option to apply the CMYK working space profile as a Source Profile for uncalibrated		
	color objects in the document.		
	Cancel		

o Click **OK**.

- 7. Select Driver print settings:
 - Select Paper Handling tab to choose:
 - **Destination Paper Size**: Select the media size that is loaded on the printer. Make sure that the document size is not bigger than the paper size you have in the printer.
 - And other settings you need.
 - Color Options tab:
 - Select **Print In Color**.
 - Select Color Management > Printer Managed Colors:
 - Default RGB Source Profile: Select sRGB (HP).
 - **Default CMYK Source Profile**: Select Europe ISO Coated FOGRA27 (for Europe), U.S. Web Coated (SWOP) v2 (for US) and Japan Standard v2 (for Japan).
 - **Rendering Intent**: Relative Colorimetric.
 - Check Black Point Compensation check box.

	Pri	int	
Printer:	Printer: HP Designjet Z6100ps 42in Ph		
Presets:			
- 08	Color Options		
	Basic CM	IYK Settings	
	O P	rint In Color rint In Grayscale ay and Black inks only	
		pplication Managed Colors rinter Managed Colors sRGB (HP)	
Default CM	IYK Source Profile:	Europe ISO Coated FOGRA27	
	Rendering Intent:	Relative Colorimetric	
		Slack Point Compensation	
	Printer emulation:	Off	
	HP Professiona	I PANTONE Emulation	
Constraints and Device			
? PDF ▼ Pre	view	Cancel Print	

- Image Quality tab:
 - **Quality Options**: Select **Standard** and drag the slider to Quality (Best).

	Print	
Printer:	HP Designjet Z6100ps 42in Ph	n 🛟 0
Presets:	Standard	•
<u>.</u>	Image Quality	•
Qualit Speed	y Options: Standard	Quality
► Constraints and Device		
	Ø	
? PDF • Pre	view	Cancel Print

Click **Print**.

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For more information on HP Designjet products

www.hp.com/go/designjet

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