

Ricoh SG 3110DN - MacProfile

1.install the icc profile

if you system is old than 10.6 please copy the icc profile to "Library-ColorSync-Profiles" if you system is 10.6-10.12 you need do some setting

Wedding menu in the Finder preferences, select Sidebar, Check on the device's hard disk. Then openFinder, Finder on the left column will display equipment, the repository can be found under the file directory system then copy the icc profile to "Library-ColorSync-Profiles"

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Setup and Print Guide: Photoshop CS6

IMPORTANT: Before proceeding, ensure the correct Ricoh (OEM) driver and MacProfile have been installed. For assistance with driver and profile installation, refer to the Installation Guide.

Photoshop's color space needs to be set to the working space in which the MacProfile was created. This allows for a more accurate screen display of your images. However, the accuracy of the displayed image on your monitor depends more on the quality of the monitor and, more importantly, whether or not it has been calibrated with the Monitor Manufacturer's ICC profile.

Photoshop Workspace Setup

- 1.) Begin by opening Photoshop. In the menu bar, click **Edit > Color Settings** (see FIGURE 1).

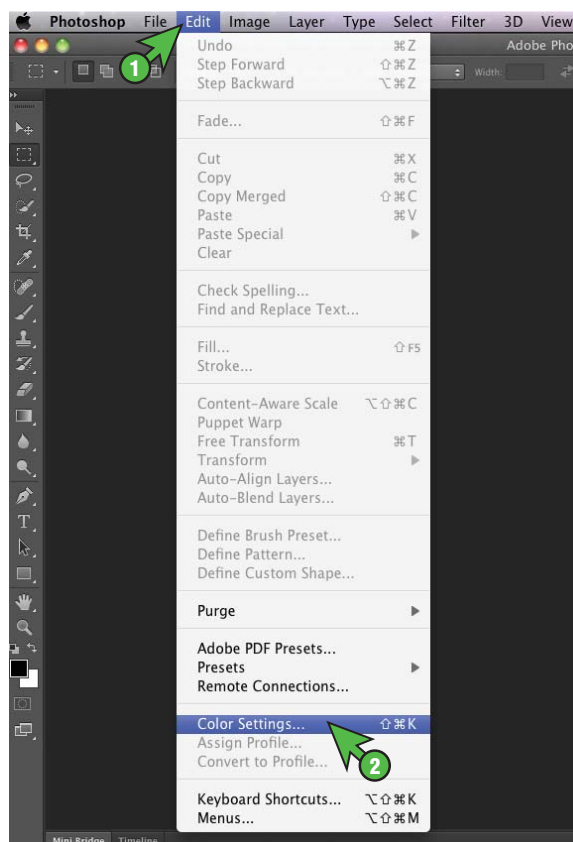


FIGURE 1

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2.) In the Color Settings window, match your settings to those shown below (see FIGURE 2).

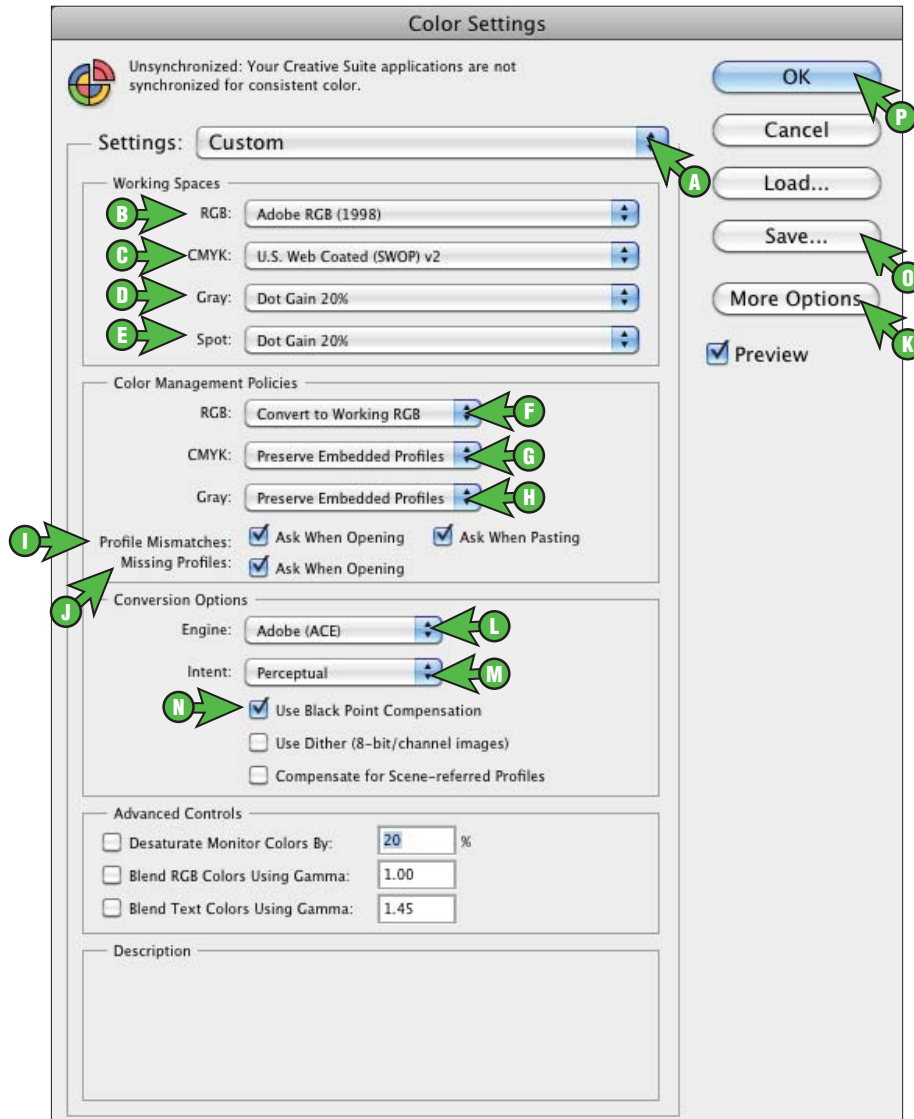


FIGURE 2

- A. Settings: **Custom**
- B. RGB: **Adobe RGB (1998)**
- C. CMYK: **U.S. Web Coated (SWOP) v2**
- D. Gray: **Dot Gain 20%**
- E. Spot: **Dot Gain 20%**
- F. RGB: **Convert to Working RGB**
- G. CMYK: **Preserve Embedded Profiles**
- H. Gray: **Preserve Embedded Profiles**
- I. Profile Mismatches: Check **Ask When Opening** and also check **Ask When Pasting**
- J. Missing Profiles: Check **Ask When Opening**

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- K. If Conversion Options are not visible, click **More Options** (see FIGURE 2)
- L. Engine: **Adobe (ACE)** (see FIGURE 2)
- M. Intent: **Perceptual** (see FIGURE 2)
- N. Check **Use Black Point Compensation** (see FIGURE 2)
- O. Once your settings match, click **Save** (see FIGURE 2). This will open the Save window (see FIGURE 3). NAME your new preset in the **File Name** field and click **Save** when complete.

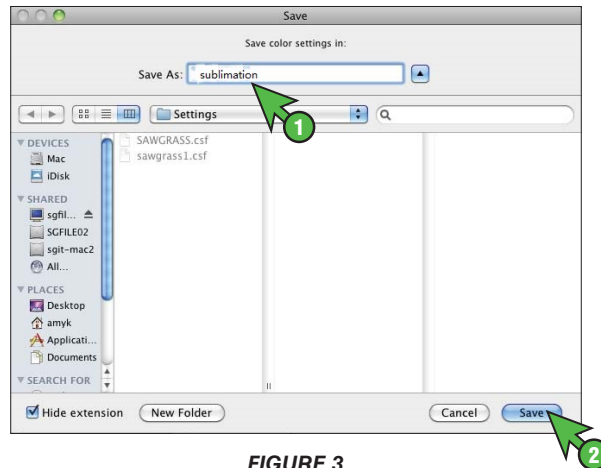


FIGURE 3

- P. Click **OK** to complete setup (see FIGURE 2)

- 3. In the menu bar, click **File > New...** (Command+N). In the New Document window, match your settings to those shown below (see FIGURE 4).

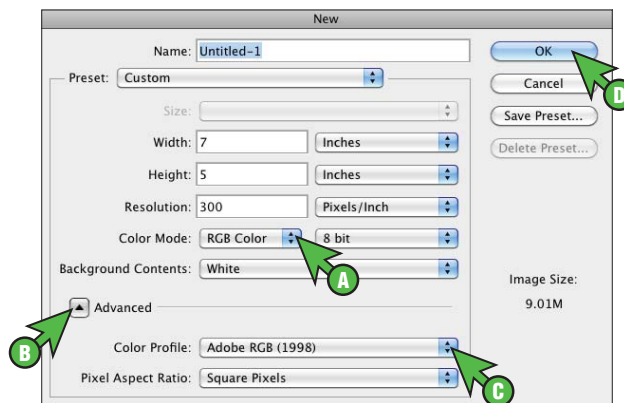


FIGURE 4

- A. Color Mode: **RGB Color**
- B. Click the down arrows next to **Advanced** to view Color Profile:
- C. Color Profile: **Adobe RGB (1998)**
- D. Click **OK** to save your changes and continue

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- 4.) When opening images you may encounter an Embedded Profile Mismatch warning. In this instance, select the radio button **Convert document's colors to the working space** and click **OK** to continue (see FIGURE 5).

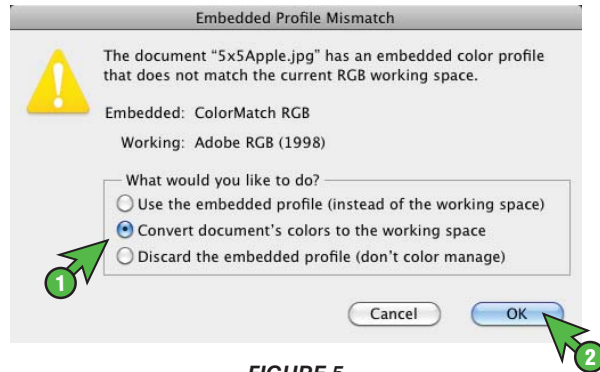


FIGURE 5

NOTE: Always choose to use or convert to **Adobe RGB (1998)**.

- 5.) Once an image has been opened or imported in Photoshop, you will need to ensure that RGB color mode has been selected. In the menu bar, click **Image > Mode > RGB Color**. A check mark should now be visible beside **RGB Color** (see FIGURE 6).

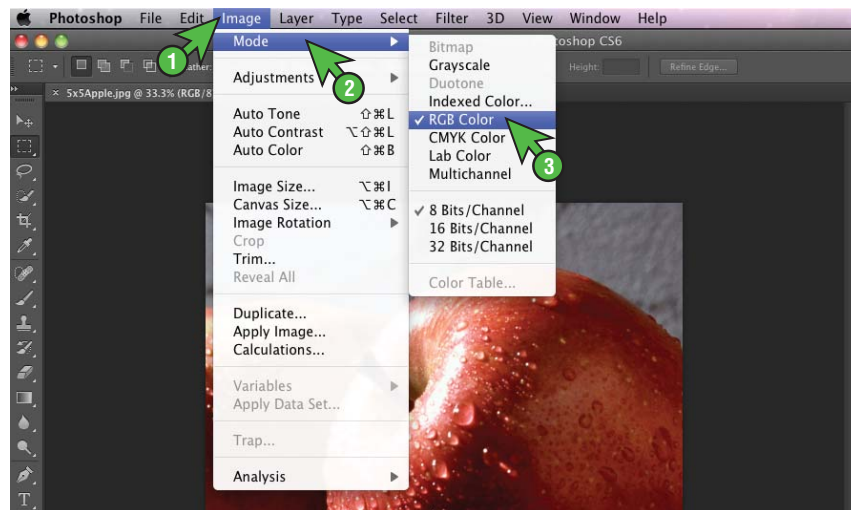


FIGURE 6

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Printing from Photoshop with the Ricoh SG 3110DN

- 6.) With the correct color settings entered, you are now ready to print. In the menu bar, click **File > Print**. In the Print window, match your settings to those shown below (see FIGURE 7).

NOTE: For older versions of Photoshop you will instead select *File > Print with Preview*.

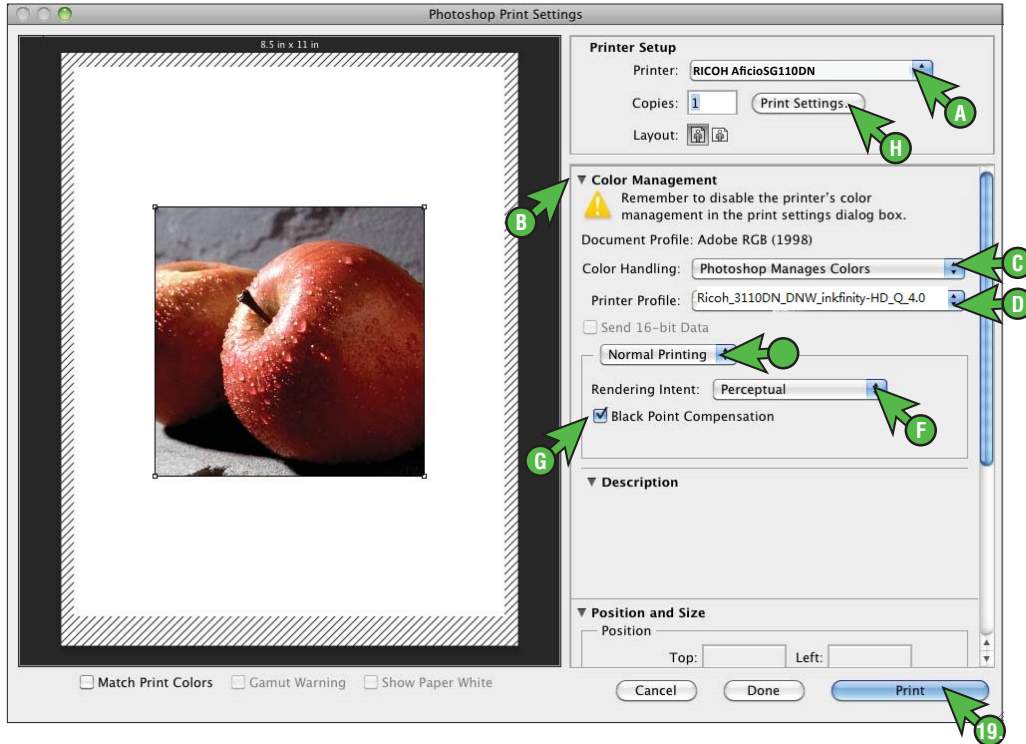


FIGURE 7

- A. Printer: **RICOH AficioSG110DN**
- B. Click the drop-down arrow [▼] and select **Color Management**
- C. Select the radio button for **Document**
- D. Color Handling: **Photoshop Manages Colors**
- E. Printer Profile: **Select the appropriate Sawgrass Profile**

High Resolution: Ricoh_3110DN_DNW_inkfinity-HD_Q_4.0

- F. Rendering Intent: **Perceptual**
- G. Check **Black Point Compensation**

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- H. When the correct settings have been entered, click **Print Settings** (see FIGURE 7) to open the Print window. In the **Print** window, match your settings to those shown below (see FIGURE 8).

NOTE: For older versions of Photoshop you will instead select **Page Setup**.

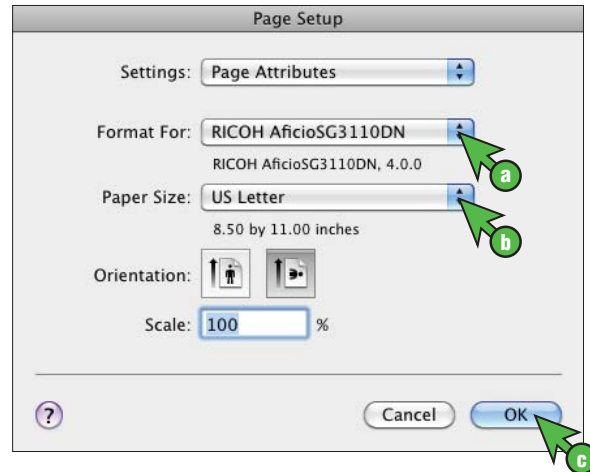


FIGURE 8

- a. Printer: **RICOH AficioSG110DN**
- b. Paper Size: **same as your Transfer Paper**
- c. Click **OK** to continue

- 7.) Remember to **Mirror** the image before printing. You are able to do this within the OEM printer driver or you may choose to manually mirror each image within Photoshop. To mirror the image using the printer driver, Check **Flip horizontally** (see FIGURE 9).

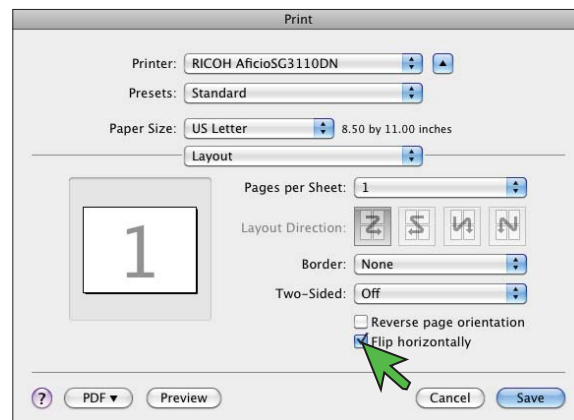


FIGURE 9

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- 8.) Click the drop-down arrow [▼] and select **Paper Feed** (see FIGURE 10).

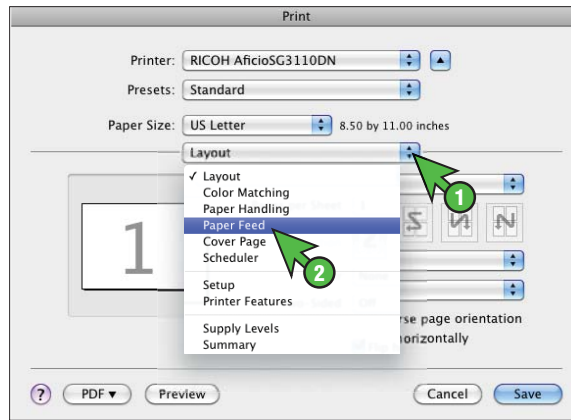


FIGURE 10

- 9.) In the paper feed window you are able to select the printer's paper source. We recommend using **Auto Select** unless you have purchased a Bypass Tray. For those users printing with a Bypass Tray, you will instead select **Bypass Tray** (see FIGURE 11).



FIGURE 11

- 10.) Click the drop-down arrow [▼] and select **Setup** (see FIGURE 12).



FIGURE 12

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11.) In the Setup window, match your settings to those shown below (see FIGURE 13).

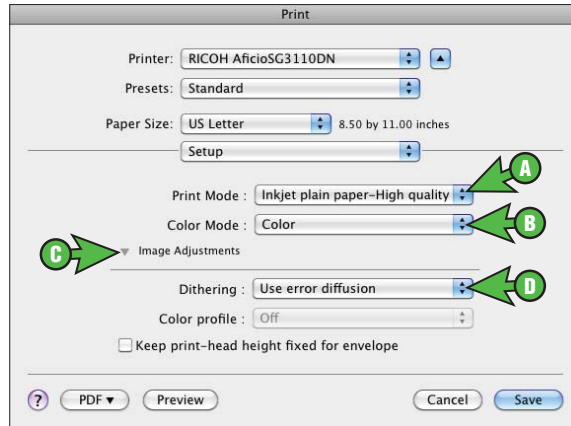


FIGURE 13

- A. Print Mode: **Inkjet plain paper-High Quality**
- B. Color Mode: **Color**
- C. If Image Adjustments are not visible, click the drop-down arrow [▼]
- D. Dithering: **Use error diffusion**

12.) Click the drop-down arrow [▼] and select **Printer Features** (see FIGURE 14).

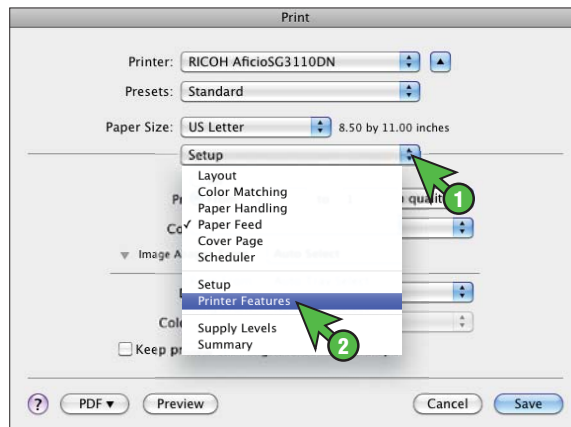


FIGURE 14

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13.) In the Printer Features window, match your settings to those shown below (see FIGURE 15).

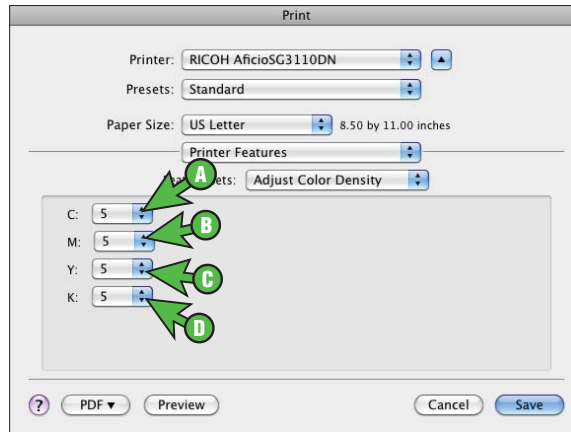


FIGURE 15

- A. C: 5
- B. M: 5
- C. Y: 5
- D. K: 5

14.) Click the drop-down arrow [▼] and select **Printer Configuration** (see FIGURE 16).

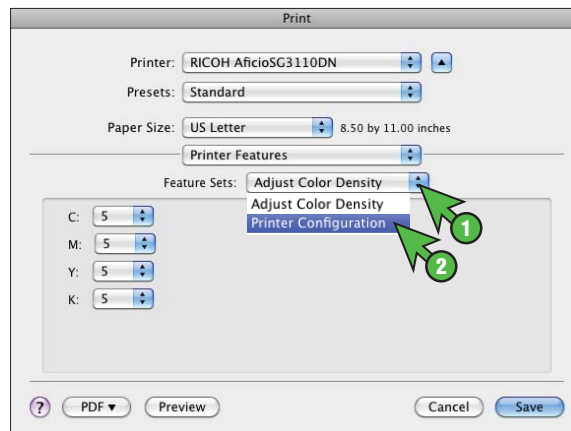


FIGURE 16

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15.) In the Printer Configuration window, match your settings to those shown below (see FIGURE 17).

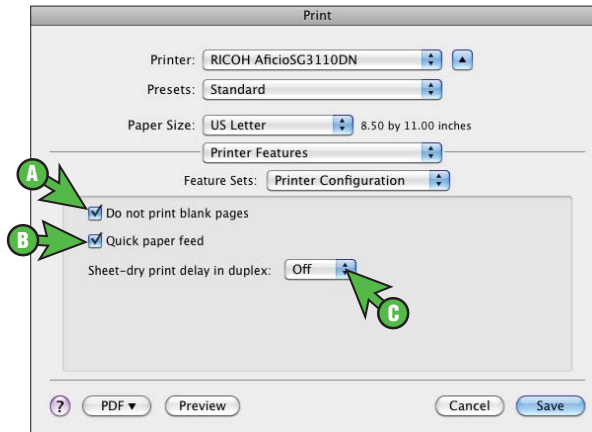


FIGURE 17

- A. Check **Do not print blank pages**
- B. Check **Quick Paper Feed**
- C. Sheet-dry print delay in duplex: **Off**

16.) To save your new preset, click the drop-down arrow [▼] and select **Save as...** (see FIGURE 18).

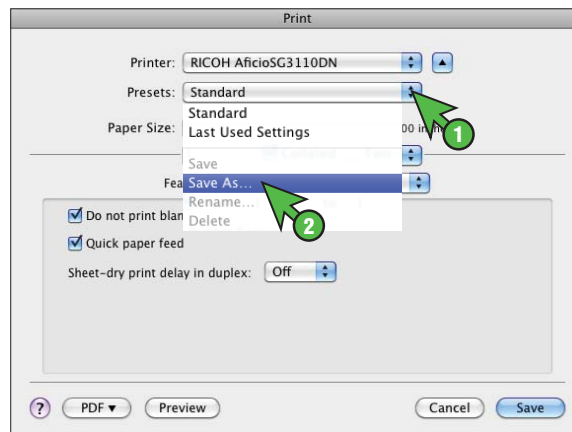


FIGURE 18

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- 17.) In the Save Preset As: window, name your new preset accordingly and click **OK** when complete (see FIGURE 19).

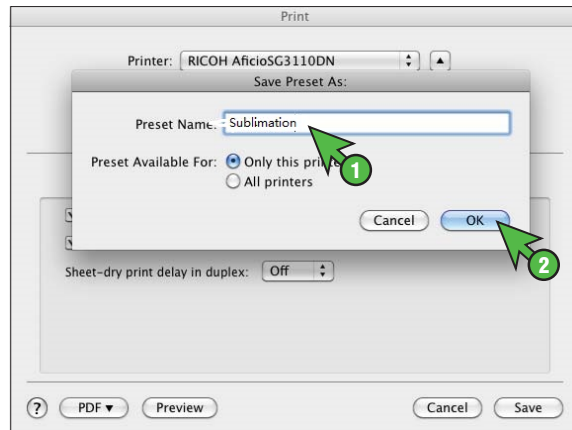


FIGURE 19

- 18.) Click **Save** to continue (see FIGURE 20).

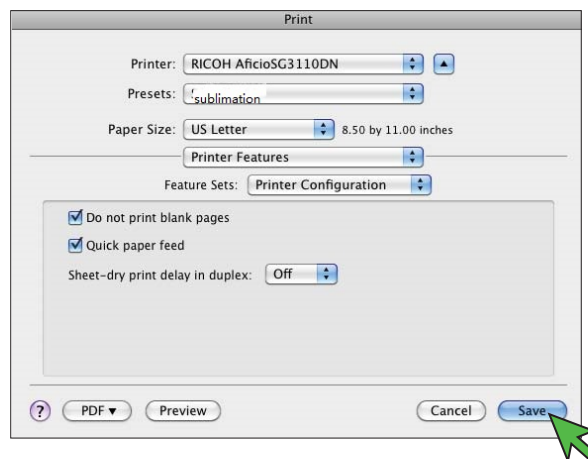


FIGURE 20

- 19.) You can now print your image by clicking **Print** (see FIGURE 7).