HP LF Printing Knowledge Center



Visual monitor calibration <u>Application</u>: Apple ColoSync Calibrator <u>OS:</u> Mac OS X



Even though it is recommended that you calibrate using an external objective measuring device (colorimeter for emissive color measurements), we provide a way to calibrate your monitor using your own eyesight if you don't have an external measuring device.

In MacOS X, Apple built-in **Display Calibrator Assistant** enables you to get a good color casts from your monitor and to obtain a reasonable solution for your work environment.

Follow these instructions:

- 1. System Preferences > Displays:
 - Ensure **Colors** is set to Millions.
 - Set the **Brightness** slider to your preferred value (the Apple default is approximately 60%, although a slightly brighter level might be necessary on aging displays).
- 2. Color tab:
 - **Display Profiles:** the calibration utility automatically selects by default the current display profile.
- 3. Calibrate button: select Expert Mode.

	Introduction
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 Introduction Set Up Native Gamma Target Gamma Target White Point Admin Name Conclusion 	Welcome to the Apple Display Calibrator Assistant! This assistant will help you calibrate your display and create a custom colorSync profile. With a properly calibrated display, the system and other software that uses ColorSync can better display images in their intended colors. Display calibration involves several steps: (some steps may be skipped on some displays) • Adjust the display's brightness and contrast • Determine the display's native luminance response curve • Choose a desired response curve gamma • Choose a desired white point (warmth or coolness of white) Image: Expert Mode – This turns on extra options.

4. Native Gamma of the Display:

- Adjust the **Brightness** left slider vertically until the apple symbol fades into the patterned frames. Move the right slider until the shape is neutral compared to its background. You may need to readjust the left hand brightness slider a little more after this step.
- The next four steps are basically a repeat of the first but affect other parts of the gamma curve. You should follow the instructions given by Apple in the dialogs.
- 5. **Target Gamma**: the monitor gamma should be entered in the panel, either Macintosh default (1.8) or Windows default (2.2).
- 6. Target White Point: check the box labeled Use native white point.
- 7. The final steps require that you give the display profile a name and the new display profile will be crated and saved into the appropriate folder for use by the system.

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