

= Monitor Calibration

Calibrating my monitor (an [liyama Prolite H481S](#)) I had quite a hard time - as I was totally clueless how to find proper settings.

<http://www.normankoren.com/makingfineprints1A.html> was a start and also <http://www.pcbypaul.com/software/monica.html> helped - especially providing a sensible test image.

I followed the advice of normankoren and decided to set the monitor back to factory settings and use the „NVIDIA X Server Settings“ tool to do the adjustments.

I did the following - having the screenshot (see below) displayed in 1:1 scale: \* set color temperature to „s“ (the monitor manual says that's sRGB) \* adjust brightness, so that a dark grey square became just visible within the black square \* adjust contrast until the difference between the darkest two areas matched approximately the difference between the lightest two areas \* very carefully re-adjust brigthness and contrast a bit to improve the two criteria above \* adjust gamma, so that „line 693“ in the screenshot has a light blue background \* voila!



Settings that seem to be ok for me are

	Brightness	Contrast	Gamma
Red:	0.428	-0.39	0.846
Green:	0.384	-0.36	0.790
Blue:	0.428	-0.39	0.749
with 7500 K ("2"):			
Red:	-0.15	-0.007	1.380
Green:	-0.27	0.048	1.312
Blue:	-0.15	-0.007	1.380
or			
Red:	-0.08	-0.33	1.380
Green:	-0.41	0.116	1.986
Blue:	-0.14	-0.12	1.380
or			
Red:	-0.06	-0.12	1.380
Green:	-0.41	0.116	1.986
Blue:	-0.14	-0.12	1.380

Monitor, [liyama](#), Color Correction



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