Tech Info Library

Macintosh 16, 21 Color Displays: Chromaticity Values (2/92)

Revised: 5/25/94
Security: Everyone

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Article Created: 21 February 1992

TOPIC ----------

I'm trying to set up Macintosh 16-inch and 21-inch Color Displays with Adobe PhotoShop. I need to get the Phosphor Color settings in order to calibrate the monitors. Adobe said that these must be obtained by the maker of the monitor. What are the chromaticity values?

DISCUSSION ----------

Here are the chromaticity values for the two displays.

Macintosh 16-inch Color Display

	X	Y
RED:	.625 ± .020	.340 ± .020
GREEN:	.280 ± .020	.595 ± .020
BLUE:	.155 ± .015	.070 ± .020

The CIE coordinates for white are:

X=.283 ± .020
Y=.298 ± .020

Macintosh 21-inch Color Display

	X	Y
RED:	.635 ± .020	.333 ± .020
GREEN:	.280 ± .020	.595 ± .020
BLUE:	.152 ± .020	.063 ± .020

The CIE coordinates for white are:

X=.281 ± .020
Y=.311 ± .020

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Tech Info Library Article Number:9859