

Re: Sony Black Trinitron 24" with weird colour (pink)

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- *From:* meow2222@xxxxxxxxxx
 - *Date:* 13 Aug 2006 16:15:05 -0700
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Edu wrote:

Hello Peter, thanks a lot for your useful reply!

Without testing it I'd say its more likely a video drive problem, but it might well be a crt fault. Its not falling crt emission, if it were just that you wouldnt be getting green retrace lines. I'd measure the voltages on all the non-EHT tube electrodes to see how the green voltages compare to the other 2 colours. Also I'd measure the amount of green drive vs red and blue. Tjis should tell you whether the prolem is crt or video drive or other electrode voltages.

I have an oscilloscope. I will ASAP check differences in voltage for all 3 colors in the CRT neck, right?

if its a battery scope, maybe, if its mains, uhoh. A multimeter is more pratical and less likely to make anything go bang.

If the fault is the crt, you might be able to burn off an internal short, if not its well & truly had it.

How can I burn an internal short?

pass a wallop of current thru it.

If the fault is video drive, thats usually fixable but not in every case.

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If its other tube electrode voltages, thats the easiest to sort out.

I will try to check if variations in screen voltage improves something.

no, that wont do anything. Just measure the electrode voltages and compare the 3 channels. And of course dont touch THAT electrode.

There is also the final possibility of very low green emission plus someone has unably tried to tweak the drive/background to compensate and has screwed those settings up. In this case the set would have very slowly got pinker and pinker over