
Subject: Re: Problem with TVRD(true=1)
Posted by [davidf](#) on Sat, 09 Jan 1999 08:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

Ken Kobayashi (kobaken@din.or.jp) writes:

```
> I seem to be having a strange problem with TVRD on a 24-bit display.
> It seems to work as expected for images, but when I try something like
>
> plot, f1, color='FFFFFF'x
> oplot, f2, color='FF0000'x
> oplot, f3, color='00FF00'x
> ;etc
> image=TVRD(true=1)
>
> only the red component is captured, with the green and blue components
> completely empty. Using color_quan and making a GIF file results, of
> course, in a red image.
>
> I am running IDL 5.0 on a Solaris system. To get 24-bit displays I
> access it from a PC by one of two ways: using a VNC (Virtual Network
> Computing, ref: http://www.orl.co.uk/vnc/) viewer under Windows NT,
> and using X windows under Linux. I get the exact same problem with
> TVRD on both. Does anyone have any idea of what I am doing wrong?
> I thought it was a problem with the X server, but the two methods are
> using different X servers, so that couldn't be it, could it?
```

Exceedingly strange, although "IDL 5.0" immediately calls up red flags for me: major new release, all the color handling was changed for object graphics, etc., etc. I'd be **praying** for an update. :-)

But I don't think you are doing anything wrong. I think you are right to suspect the X-servers. What happens when you run IDL on the Solaris system by itself?

Worst comes to worst, you could always turn color decomposition off and take your snapshot out of the Z-buffer. That pretty much **always** works.

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting
Phone: 970-221-0438 E-Mail: davidf@dfanning.com

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Toll-Free IDL Book Orders: 1-888-461-0155

[Note: This follow-up was e-mailed to the cited author.]
