
Subject: Re: how can I preserve colours when reading pixels with tvrd function
Posted by [Jeremy Bailin](#) on Fri, 08 Aug 2008 10:49:26 GMT

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On Aug 7, 7:55 am, David Fanning <n...@dfanning.com> wrote:

> bam writes:

>> I am using tvrd to capture the contents of an idl direct graphics

>> window [idl code: im=tvrd(0,0,500,500)], on which I have a

>> combination of graphics, including plotted lines, xyouts text and a

>> background display of a byte array with a colortable. the output of

>> tvrd is a grayscale image that has lost all the colors in my original

>> window...

>> so how can i preserve the contents of my window and perhaps even save

>> it as a gif, without distorting the colors of my colortable?

>

> The short answer? Use TVREAD instead:

>

> IDL> void = TVRead(/GIF)

>

> You can find TVRead here:

>

> <http://www.dfanning.com/programs/tvread.pro>

>

> You can find the long answer inside the TVREAD code. :-)

>

> Cheers,

>

> David

> --

> David Fanning, Ph.D.

> Fanning Software Consulting, Inc.

> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>

> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

...or you could pass the result of TVRD through TRUEIFY:

<http://web.astroconst.org/jbiu/jbiu-doc/plot/trueify.html>

-Jeremy.
