
Subject: Re: how can I preserve colours when reading pixels with tvrd function
Posted by [David Fanning](#) on Thu, 07 Aug 2008 11:55:11 GMT

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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.")

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:

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> Cheers,
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> 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.
