
Subject: Re: using TVRD(true=0) with a 24-bit image and decomposed=0

Posted by [Rick Towler](#) on Mon, 29 Mar 2004 22:51:06 GMT

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"Chris O'Dell" wrote in message...

> To all IDL color-masters,
>
> I am trying to simply read an image that was originally plotted like
> this:
>
> tv, image
>
> where image is a 2D byte-array of colors IN MY CURRENT COLORTABLE; ie,
> numbers from 0 to 255. However, I am on a 24-bit display. I have
> device, decomposed=0
> and backing-store set on retain=2.
>
> If i do this:
>
> im2 = tvrd()
> tv, im2
>
> I get way more color=255 than I should; i do not get back the precise
> original image. I understand that I can get the RGB triples by doing
> tvrd(true=1), but *I don't want the RGB triples*. I just want the
> simple numbers from 0 to 255 that I originally plotted. How do I get
> them using tvrd()?

Read Karl's message, then download David Fanning's TVREAD program.

<http://www.dfanning.com/documents/programs.html#TVREAD>

-Rick
