
Subject: Re: View 24-bit images

Posted by [davidf](#) on Fri, 04 Feb 2000 08:00:00 GMT

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Alvaro T. (atarela@usc.es) writes:

> I'm having problems about viewing 24-bit images.
> I have got an image in HDF format. The data is stored as INT (from -32000 to
> 32000) and use the HDF_... functions to get the image data. For viewing the
> data in the screen, I use:
>
> TV, imagedata, Order=1
>
> but almost I can't see anything!. So, I try:
>
> TV\$cl, imagedata, Order=1
>
> Now I can see the image, but only 256 colors (or grey levels), so I'm losing
> bit values. Why?
> I'm using Windows in 32-bits mode and IDL has: !D.N_Colors=16777216,
> !D.Table_Size=256
>
> Who can help me? I'm a bit "lost" with managing colors in IDL.

Set the TRUE keyword to reflect the interleaving of your
24-bit image. Something like this:

```
TV, imagedata, True=1
```

Or, just use my TVIMAGE program, which is smart
enough to figure out if you have a 24-bit or 8-bit
image and set the proper keywords, decomposed state,
etc, etc. Saves you a LOT of coding to make the
display of an image device independent. :-)

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

Cheers,

David

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

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