Subject: Re: TVRD to make GIF's with 24-bit color Posted by davidf on Tue, 14 Sep 1999 07:00:00 GMT

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Joe Means (means@fsl.orst.edu) writes:

- > Hi, I run WinNT on a PC and IDL 5.2.1. I use the statement:
- > Device, Decomposed=0
- > to use colortable mapping and produce some fine images in screen
- > windows.

>

- > Then I read them in amd make GIF's:
- > imgA = TVRD()
- > Write_Gif, 'image_a.gif', imgA

>

> These GIF's however, have mostly white colors. Any ideas?

Uh, read my web page? :-)

http://www.dfanning.com/tips/strange_tvrd.html

Cheers,

David

--

David Fanning, Ph.D.

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

Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: TVRD to make GIF's with 24-bit color Posted by Joe Means on Wed, 15 Sep 1999 07:00:00 GMT

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Thanks to David and Liam for your help with this. I'll be using your ideas soon.

Joe Means

Joe Means wrote:

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- > These GIF's however, have mostly white colors. Any ideas?
- > Joe Means
- > Forest Science Dept,
- > Oregon State univ.

Subject: Re: TVRD to make GIF's with 24-bit color Posted by Liam Gumley on Wed, 15 Sep 1999 07:00:00 GMT View Forum Message <> Reply to Message

Joe Means wrote:

Joe, just so we're clear: GIF files can only contain 8-bit images. If you have displayed a 24-bit image and you wish to save it as a GIF, then you must use TVRD(TRUE=1) and COLOR_QUAN to produce an 8-bit pseudocolor image. If you wish to save a truecolor 24-bit image, then the JPEG and TIFF formats are a good choice.

The SAVEIMAGE procedure mentioned in my previous post handles all of this automatically. You just pick the output format, e.g.

IDL> saveimage, 'image.gif' ; GIF is the default IDL> saveimage, 'image.jpg', /jpeg IDL> saveimage, 'image.tif', /tiff

Cheers, Liam.

--

Liam E. Gumley
Space Science and Engineering Center, UW-Madison
http://cimss.ssec.wisc.edu/~gumley

Subject: Re: TVRD to make GIF's with 24-bit color Posted by Liam Gumley on Wed, 15 Sep 1999 07:00:00 GMT View Forum Message <> Reply to Message

Joe Means wrote:

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> imgA = TVRD()
> Write_Gif, 'image_a.gif', imgA
> These GIF's however, have mostly white colors. Any ideas?
Joe,
```

You may wish to try my SAVEIMAGE procedure, available at http://cimss.ssec.wisc.edu/~gumley/imagetools.html

To save the current window to a GIF, it's as simple as

IDL> saveimage, 'image.gif'

Cheers, Liam.

--

Liam E. Gumley
Space Science and Engineering Center, UW-Madison
http://cimss.ssec.wisc.edu/~gumley

Subject: Re: TVRD to make GIF's with 24-bit color Posted by R.Bauer on Wed, 15 Sep 1999 07:00:00 GMT View Forum Message <> Reply to Message

David Fanning wrote:

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> Joe Means (means@fsl.orst.edu) writes:
> 
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>> Uh, read my web page? :-)
> http://www.dfanning.com/tips/strange_tvrd.html
```

>	Cheers
>	
>	David

>

You are very patient David, I believe thats's the most important question behind the decomposed one.

Reimar