
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 and 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

--

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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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> 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
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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
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Joe Means wrote:

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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
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David Fanning wrote:

> Joe Means (means@fsl.orst.edu) writes:
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> Cheers,
>
> David
>

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

Reimar
