
Subject: Color image
Posted by [jun](#) on Sun, 09 Jul 1995 07:00:00 GMT
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Hi, more questions.

We have several images of sky, each in different band of wavelength. Now we want to construct a color image from these images. Does anyone have good ideas of how to do this in IDL?

Thanks.

Jim

Subject: Re: Color Image
Posted by [David Fanning](#) on Sat, 27 Dec 2008 00:42:16 GMT
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silviadncl@gmail.com writes:

> Hallo! I must display a color image, in which pixel values are
> displayed with a color between yellow, green, red and blue, on the
> basis of their value.
> How i can do that?

How about something like this:

```
IDL> Loadct, 4  
IDL> Device, Decomposed=0  
IDL> TVScl, image
```

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: Color Image
Posted by [justspam03](#) on Sat, 27 Dec 2008 13:25:21 GMT
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Hi Silvia,

if you want it a bit more comfortable, I could offer you a library of IDL objects.

It's not published yet, as it's still beta status, but the parts you'd need should be ok.

You'd have a display for the image, a second to display the color<-> value coding as well as zooming, panning, center/width change and a pixellense. The code would look something like this:

```
base    = widget_base(....)
display = obj_new('LLDisplay', base, 512, 512 )
contrast = obj_new('LLContrast', base )
zoom    = obj_new('LLZoom')
pan     = obj_new('LLPan')
pixellense = obj_new('LLPixellense')
```

```
pan->selfregister, display, button=1
zoom->selfregister, display, button=2
contrast->selfregister, display, button=3
pixellense->selfregister, display, togglekey='p'
```

```
img = ptr_new( intarr(256, 256), /no_copy )
display->setImg, img
display->display
```

An old version of the lib and documentation is available @ <http://www.jubileum.lu.se/mrphysics/software/lib/index.htm>

Let me know whether you're interested and I'll send you a copy of the latest version.

Cheers
Oliver

The

On Dec 26, 6:01 pm, silviad...@gmail.com wrote:

```
> Hallo! I must display a color image, in which pixel values are
> displayed with a color between yellow, green, red and blue, on the
> basis of their value.
> How i can do that?
> Thank you very much.
```

> Silvia
