
Subject: Re: adjusting brightness of an image
Posted by [Liam Gumley](#) on Mon, 19 Oct 1998 07:00:00 GMT
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Anil Kochhar wrote:

> Hi,
> I am writing a program which scales images(i.e. images of galaxies) ,
> adjusts their brightness and apparent distances, and then adds each image
> to a final image, which in the end just comprises all of the images which
> were added to it.
> Many of the images on the final image appear very faint, and I was told
> that one can use the tvscl command to adjust brightness by using the following
> syntax: tvscl<Number1>Number2
[deleted information about problems with TVSCL]

In this case, you should use BYTSCL to convert your imagery to a scaled byte array. Here's an example

```
top = !d.table_size-1
data = dist(256)
bytimg = bytscl( data, top=top )
tv, bytimg
```

If you want to scale your image across a certain range (other than the min/max of your input array), use the MIN and MAX keywords, e.g.

```
bytimg = bytscl( data, top=top, min=10.0, max=100.0 )
tv, bytimg
```

For more information, see the online help for BYTSCL.

Cheers,
Liam.

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