
Subject: Re: why does the output jpeg look not as good as shown on screen?

Posted by [Benjamin Hornberger](#) on Mon, 14 Aug 2006 23:09:20 GMT

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Itsmktip21@gmail.com wrote:

> Using the following commands:

>

> `tvimage,imageout,position=[0,0,1,1]`

> `a=tvrd(true=3)`

> `write_jpeg,'out.jpg',a,true=3`

>

> when I use kuickshow to display the image, the saved image is not as

> clear as it is shown in the IDL plot window, it is kind of blurring and

> dimmer. Can one make a jpeg file which is identical to the one shown in

> the IDL plot window?

>

I guess what you see is artifacts of the JPEG compression, which is a lossy compression. These artifacts increase with the compression level and are generally more pronounced for things like line plots, drawings, large areas of constant color etc. as opposed to photographs.

You can try to increase the quality level of the JPEG (QUALITY keyword to WRITE_JPEG), but if your image is more like a drawing than a photograph, you might be better off using a different graphics format like PNG (which uses lossless compression).

Benjamin
