
Subject: Re: Display of hyperspectral image in the window of a specified size
Posted by [Helder Marchetto](#) on Tue, 27 Oct 2015 10:30:06 GMT

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On Tuesday, October 27, 2015 at 11:06:45 AM UTC+1, Abhinav Gupta wrote:

```
> Hi all, I am trying to display an image in IDL by using following command,  
>  
> window, 1, xsize=num_cols, ysize=num_rows, title=fname  
>   tvscl, image[0,*,*]  
>  
> It works fine, but image is very big, that's why window doesn't fit in the monitor display. Is there  
a way to customize the window size.
```

Hi,
you have (at least) two options:

1) make your image smaller using either `rebin()` (integer rescaling factor) or `congrid()` (any rescaling factor). Something like this:

```
factor = 2.5  
img = congrid(image[0,*,*], num_cols/factor, num_rows/factor)  
window, 1, xsize=num_cols/factor, ysize=num_rows/factor, title=fname  
tvscl, img
```

2) use `image()` (valid for last IDL versions):

```
factor = 2.5  
olmg = image(image[0,*,*], dimensions=[num_cols, num_rows]/factor, title=fname)
```

Enjoy,
Helder

References:

```
http://www.exelisvis.com/docs/REBIN.html  
http://www.exelisvis.com/docs/CONGRID.html  
http://www.exelisvis.com/docs/IMAGE.html
```
