

MATLAB Graphics: Scaling Axes

Notes:

Using `axis equal` and `axis square` you can control axis scaling.

Example Script:

```
% Script File: ShowAxisStyles
% How to scale the axes.

theta = linspace(0,2*pi);
x = cos(theta);
y = sin(theta);
close all

figure
plot(x,y)
title('Autoscaling')

figure
plot(x,y)
axis equal
title('axis equal')

figure
plot(x,y)
axis equal square
title('axis equal square')

figure
plot(x,y)
axis([-1.2 1.2 -1.2 1.2])
title('axis([-1.2 1.2 -1.2 1.2])')

figure
plot(x,y)
axis([-1.2 1.2 -1.2 1.2])
axis equal
title('axis([-1.2 1.2 -1.2 1.2]); axis equal')

figure
plot(x,y)
axis([-1.2 1.2 -1.2 1.2])
axis equal square
title('axis([-1.2 1.2 -1.2 1.2]); axis square')
```

Output:





