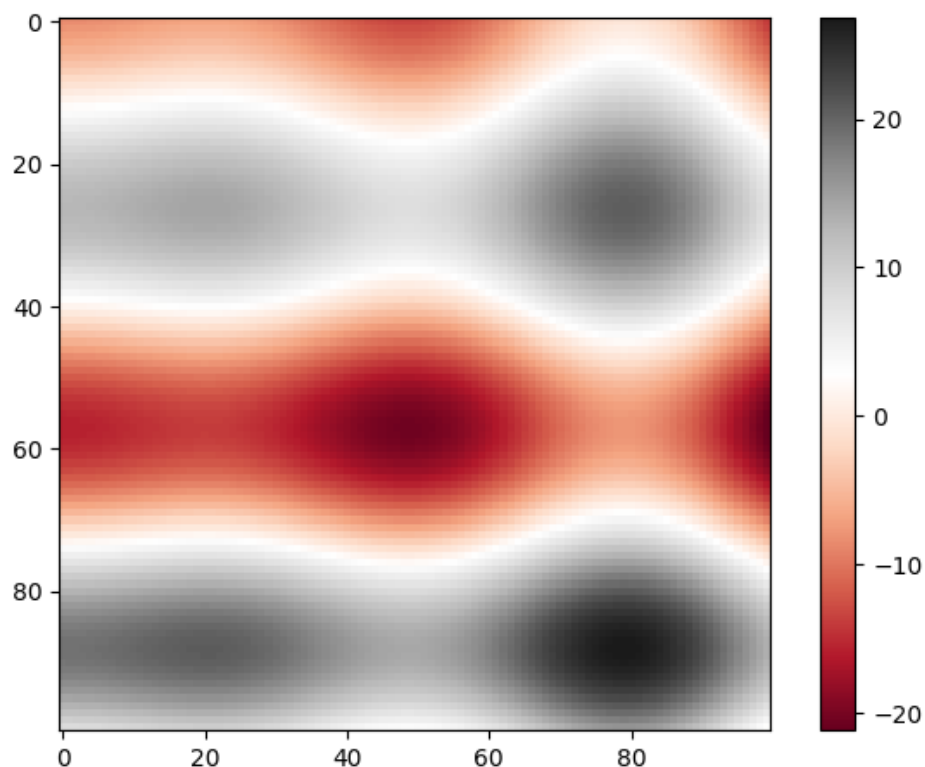


another better way of plotting contour maps is `plt.imshow()` which usually use for images. it is easy to use takes only one argument of 2d data(as like images).

```
import matplotlib.pyplot as plt
import numpy as np
x = np.linspace(0, 10, 100)
y = np.linspace(10, 20, 100)
X, Y = np.meshgrid(x, y)
z = X * np.sin(x) + Y * np.cos(Y)
plt.imshow(z, cmap='RdGy')
plt.colorbar()
plt.show()
```

#we can see the plotting is same with `plt.imshow` as `plt.contour` function with same data



let's take another example

```
x = np.random.rand(625)
x = x.reshape(25, 25)
plt.imshow(x, cmap='RdGy')
plt.colorbar()
plt.show()
```

