```
In [5]:    1  import numpy as np
           2  import skfuzzy as sk
           3  import matplotlib.pyplot as plt
           4
           5  x = np.arange (30, 80, 0.1)
           6  lento = sk.trimf(x, [30, 30, 50])
           7  medio = sk.trimf(x, [30, 50, 70])
           8  medio_rapido = sk.trimf(x, [50, 60, 80])
           9  rapido = sk.trimf(x, [60, 80, 80])
          10
          11  plt.figure()
          12  plt.plot(x, rapido, 'b', linewidth=1.5, label='Rapido')
          13  plt.plot(x, medio_rapido, 'k', linewidth=1.5, label='Medio Rapido')
          14  plt.plot(x, medio, 'y', linewidth=1.5, label='Medio')
          15  plt.plot(x, lento, 'r', linewidth=1.5, label='Lento')
          16  plt.title('Penalti difuso')
          17  plt.ylabel('Membresia')
          18  plt.xlabel('Velocidad (km/h)')
          19  plt.legend(loc='center right', bbox_to_anchor=(1, 0.8), ncol=1, fancybox=Tru
          20  plt.show()
```