Issue #16482:

Pyplot hlines and vlines do not use the 'lines.color' property in rcParams by default

Description:

The bug is that hlines' and vlines' colors do not always default to the lines.color set in rcParams, which specifies the defaults for various properties including line color. The initial behavior is that when colors is unspecified the line will use the default color black and when colors is None it will use the color cycle (starting with blue). The bug occurs when changing the default color in rcParams. When colors is given None, the color correctly uses the lines.color value. But when colors is unspecified, the color incorrectly uses the initial default value, black, instead of the default set in the rcParams.

Reproduction Steps:

1. Install required packages
   a. *python -m pip install -U pip*
   b. *python -m pip install -U numpy*
   c. *pip install -e*
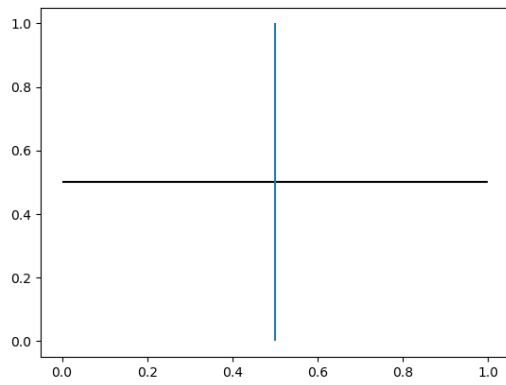   *git+git://github.com/RiazCharania/matplotlib.git @master#egg=riaz-matplotlib*
2. Download file 'Issue_16482.py' and run it using *python Issue_16482.py*
   - By default, it will show you 2 figures, the intended initial behavior and the bug
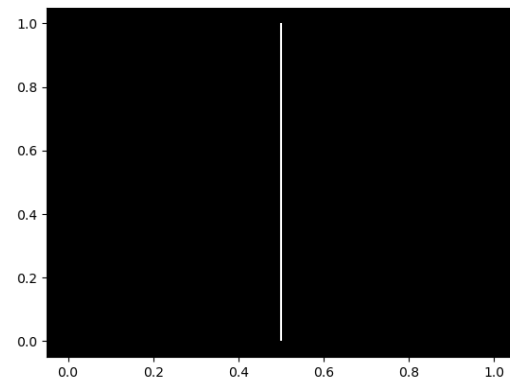   - If you want to download the figures, uncomment lines 17 and 18

Results:

Buggy:

Initial Figure

White line color Figure (Bug)

Expected: