함수

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| [acorr](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.acorr.html#matplotlib.pyplot.acorr)(x, \* [, 데이터]) | *x* 의 자기 상관을 플로팅합니다 . |
| [angle\_spectrum](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.angle_spectrum.html#matplotlib.pyplot.angle_spectrum)(x [, Fs, Fc, 창, pad\_to, ...]) | 각도 스펙트럼을 플로팅합니다. |
| [annotate](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.annotate.html#matplotlib.pyplot.annotate)(텍스트, xy, \* args, \*\* kwargs) | 텍스트 *텍스트로* 점 *xy에* 주석을 답니다 . |
| [arrow](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.arrow.html#matplotlib.pyplot.arrow)(x, y, dx, dy, \*\* kwargs) | 좌표축에 화살표를 추가합니다. |
| [autoscale](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.autoscale.html#matplotlib.pyplot.autoscale)([활성화, 축, 타이트]) | 축보기를 데이터에 맞게 자동 크기 조정 (토글)합니다. |
| [autumn](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.autumn.html#matplotlib.pyplot.autumn)() | 컬러 맵을 "가을"로 설정합니다. |
| [axes](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.axes.html#matplotlib.pyplot.axes)([인수]) | 현재 Figure에 좌표축을 추가하고 현재 좌표축으로 만듭니다. |
| [axhline](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.axhline.html#matplotlib.pyplot.axhline)([y, xmin, xmax]) | 축을 가로 지르는 수평선을 추가하십시오. |
| [axhspan](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.axhspan.html#matplotlib.pyplot.axhspan)(ymin, ymax [, xmin, xmax]) | 축에 수평 범위 (직사각형)를 추가합니다. |
| [axis](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.axis.html#matplotlib.pyplot.axis)(\* args [, emit]) | 축 속성을 가져 오거나 설정하는 편리한 방법입니다. |
| [axline](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.axline.html#matplotlib.pyplot.axline)(xy1 [, xy2, 기울기]) | 무한히 긴 직선을 추가합니다. |
| [axvline](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.axvline.html#matplotlib.pyplot.axvline)([x, ymin, ymax]) | 축에 수직선을 추가합니다. |
| [axvspan](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.axvspan.html#matplotlib.pyplot.axvspan)(xmin, xmax [, ymin, ymax]) | 축에 수직 범위 (직사각형)를 추가합니다. |
| [bar](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.bar.html#matplotlib.pyplot.bar)(x, 높이 [, 너비, 아래쪽, 정렬, 데이터]) | 막대 그래프를 만듭니다. |
| [barbs](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.barbs.html#matplotlib.pyplot.barbs)(\* args [, 데이터]) | 미늘의 2D 필드를 플로팅합니다. |
| [barh](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.barh.html#matplotlib.pyplot.barh)(y, 너비 [, 높이, 왼쪽, 정렬]) | 수평 막대 플롯을 만듭니다. |
| [bone](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.bone.html#matplotlib.pyplot.bone)() | 컬러 맵을 "bone"으로 설정합니다. |
| [box](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.box.html#matplotlib.pyplot.box)([의 위에]) | 현재 좌표축에서 좌표축 상자를 켜거나 끕니다. |
| [boxplot](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.boxplot.html#matplotlib.pyplot.boxplot)(x [, notch, sym, vert, whis, ...]) | 상자와 수염 플롯을 만듭니다. |
| [broken\_barh](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.broken_barh.html#matplotlib.pyplot.broken_barh)(xranges, yrange, \* [, 데이터]) | 직사각형의 수평 시퀀스를 플로팅합니다. |
| [cla](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.cla.html#matplotlib.pyplot.cla)() | 현재 축을 지 웁니다. |
| [clabel](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.clabel.html#matplotlib.pyplot.clabel)(CS [, 레벨]) | 등고선도에 레이블을 지정합니다. |
| [clf](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.clf.html#matplotlib.pyplot.clf)() | 현재 그림을 지 웁니다. |
| [clim](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.clim.html#matplotlib.pyplot.clim)([vmin, vmax]) | 현재 이미지의 색상 제한을 설정합니다. |
| [close](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.close.html#matplotlib.pyplot.close)([무화과]) | Figure 창을 닫습니다. |
| [cohere](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.cohere.html#matplotlib.pyplot.cohere)(x, y [, NFFT, Fs, Fc, detrend, ...]) | *x* 와 *y* 사이의 일관성을 플로팅합니다 . |
| [colorbar](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.colorbar.html#matplotlib.pyplot.colorbar)([맵핑 가능, cax, ax]) | 플롯에 컬러 바를 추가합니다. |
| [connect](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.connect.html#matplotlib.pyplot.connect)(s, func) | *func 함수* 를 이벤트 *s에* 바인딩합니다 . |
| [contour](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.contour.html#matplotlib.pyplot.contour)(\* args [, 데이터]) | 등고선을 플로팅합니다. |
| [contourf](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.contourf.html#matplotlib.pyplot.contourf)(\* args [, 데이터]) | 등고선을 플로팅합니다. |
| [cool](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.cool.html#matplotlib.pyplot.cool)() | 컬러 맵을 "쿨"로 설정합니다. |
| [copper](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.copper.html#matplotlib.pyplot.copper)() | 컬러 맵을 "copper"로 설정합니다. |
| [csd](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.csd.html#matplotlib.pyplot.csd)(x, y [, NFFT, Fs, Fc, detrend, window, ...]) | 교차 스펙트럼 밀도를 플로팅합니다. |
| [delaxes](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.delaxes.html#matplotlib.pyplot.delaxes)([도끼]) | [Axes](https://matplotlib.org/stable/api/axes_api.html#matplotlib.axes.Axes)Figure에서 (기본값은 현재 좌표축)을 제거합니다 . |
| [disconnect](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.disconnect.html#matplotlib.pyplot.disconnect)(cid) | id *cid를 사용* 하여 콜백 연결을 끊습니다 . |
| [draw](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.draw.html#matplotlib.pyplot.draw)() | 현재 그림을 다시 그립니다. |
| [draw\_if\_interactive](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.draw_if_interactive.html#matplotlib.pyplot.draw_if_interactive)() |  |
| [errorbar](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.errorbar.html#matplotlib.pyplot.errorbar)(x, y [, yerr, xerr, fmt, ecolor, ...]) | 오차 막대가 연결된 선 및 / 또는 마커로 y 대 x를 플로팅합니다. |
| [eventplot](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.eventplot.html#matplotlib.pyplot.eventplot)(위치 [, 방향, ...]) | 주어진 위치에 동일한 평행선을 플로팅합니다. |
| [figimage](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.figimage.html#matplotlib.pyplot.figimage)(X [, xo, yo, alpha, norm, cmap, ...]) | 리샘플링되지 않은 이미지를 Figure에 추가합니다. |
| [figlegend](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.figlegend.html#matplotlib.pyplot.figlegend)(\* args, \*\* kwargs) | 그림에 범례를 놓습니다. |
| [fignum\_exists](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.fignum_exists.html#matplotlib.pyplot.fignum_exists)(숫자) | 주어진 ID를 가진 Figure가 존재하는지 여부를 반환합니다. |
| [figtext](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.figtext.html#matplotlib.pyplot.figtext)(x, y, s [, fontdict]) | 그림에 텍스트를 추가합니다. |
| [figure](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.figure.html#matplotlib.pyplot.figure)([num, figsize, dpi, facecolor, ...]) | 새 그림을 만들거나 기존 그림을 활성화합니다. |
| [fill](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.fill.html#matplotlib.pyplot.fill)(\* args [, 데이터]) | 채워진 다각형을 플로팅합니다. |
| [fill\_between](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.fill_between.html#matplotlib.pyplot.fill_between)(x, y1 [, y2, 여기서, ...]) | 두 개의 수평 곡선 사이의 영역을 채 웁니다. |
| [fill\_betweenx](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.fill_betweenx.html#matplotlib.pyplot.fill_betweenx)(y, x1 [, x2, 여기서, 단계, ...]) | 두 개의 수직 곡선 사이의 영역을 채 웁니다. |
| [findobj](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.findobj.html#matplotlib.pyplot.findobj)([o, 일치, include\_self]) | 아티스트 개체를 찾습니다. |
| [flag](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.flag.html#matplotlib.pyplot.flag)() | 컬러 맵을 "플래그"로 설정합니다. |
| [gca](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.gca.html#matplotlib.pyplot.gca)(\*\* kwargs) | 현재 축을 가져와 필요한 경우 하나를 만듭니다. |
| [gcf](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.gcf.html#matplotlib.pyplot.gcf)() | 현재 수치를 가져옵니다. |
| [gci](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.gci.html#matplotlib.pyplot.gci)() | 현재 채색 가능한 아티스트를 가져옵니다. |
| [get](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.get.html#matplotlib.pyplot.get)(obj, \* args, \*\* kwargs) | 객체의 *속성* 값을 반환 하거나 모두 인쇄합니다. |
| [get\_current\_fig\_manager](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.get_current_fig_manager.html#matplotlib.pyplot.get_current_fig_manager)() | 현재 Figure의 Figure 관리자를 반환합니다. |
| [get\_figlabels](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.get_figlabels.html#matplotlib.pyplot.get_figlabels)() | 기존 그림 레이블 목록을 반환합니다. |
| [get\_fignums](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.get_fignums.html#matplotlib.pyplot.get_fignums)() | 기존 그림 번호 목록을 반환합니다. |
| [get\_plot\_commands](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.get_plot_commands.html#matplotlib.pyplot.get_plot_commands)() | 모든 플로팅 명령의 정렬 된 목록을 가져옵니다. |
| [getp](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.getp.html#matplotlib.pyplot.getp)(obj, \* args, \*\* kwargs) | 객체의 *속성* 값을 반환 하거나 모두 인쇄합니다. |
| [ginput](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.ginput.html#matplotlib.pyplot.ginput)([n, 시간 초과, show\_clicks, mouse\_add, ...]) | 그림과 상호 작용하기 위해 호출을 차단합니다. |
| [gray](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.gray.html#matplotlib.pyplot.gray)() | 컬러 맵을 "회색"으로 설정합니다. |
| [grid](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.grid.html#matplotlib.pyplot.grid)([b, which, axis]) | 그리드 선을 구성합니다. |
| [hexbin](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.hexbin.html#matplotlib.pyplot.hexbin)(x, y [, C, 그리드 크기, 빈, xscale, ...]) | 점 *x* , *y* 의 2D 육각형 비닝 플롯을 만듭니다 . |
| [hist](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.hist.html#matplotlib.pyplot.hist)(x [, 빈, 범위, 밀도, 가중치, ...]) | 히스토그램을 플로팅합니다. |
| [hist2d](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.hist2d.html#matplotlib.pyplot.hist2d)(x, y [, 빈, 범위, 밀도, ...]) | 2D 히스토그램 플롯을 만듭니다. |
| [hlines](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.hlines.html#matplotlib.pyplot.hlines)(y, xmin, xmax [, 색상, 선 스타일, ...]) | *xmin* 에서 *xmax* 까지 각 *y에* 수평선 을 *플로팅* 합니다. |
| [hot](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.hot.html#matplotlib.pyplot.hot)() | 컬러 맵을 "핫"으로 설정합니다. |
| [hsv](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.hsv.html#matplotlib.pyplot.hsv)() | 컬러 맵을 "hsv"로 설정합니다. |
| [imread](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.imread.html#matplotlib.pyplot.imread)(fname [, 형식]) | 파일의 이미지를 배열로 읽어옵니다. |
| [imsave](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.imsave.html#matplotlib.pyplot.imsave)(fname, arr, \*\* kwargs) | 배열을 이미지 파일로 저장합니다. |
| [imshow](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.imshow.html#matplotlib.pyplot.imshow)(X [, cmap, norm, aspect, ...]) | 데이터를 이미지, 즉 2D 일반 래스터로 표시합니다. |
| [inferno](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.inferno.html#matplotlib.pyplot.inferno)() | 컬러 맵을 "inferno"로 설정합니다. |
| [install\_repl\_displayhook](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.install_repl_displayhook.html#matplotlib.pyplot.install_repl_displayhook)() | repl 디스플레이 후크를 설치하여 컨트롤이 repl로 돌아갈 때 오래된 그림이 자동으로 다시 그려 지도록합니다. |
| [ioff](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.ioff.html#matplotlib.pyplot.ioff)() | 대화 형 모드를 끕니다. |
| [ion](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.ion.html#matplotlib.pyplot.ion)() | 대화 형 모드를 켭니다. |
| [isinteractive](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.isinteractive.html#matplotlib.pyplot.isinteractive)() | pyplot이 "대화 형 모드"인지 여부를 반환합니다. |
| [jet](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.jet.html#matplotlib.pyplot.jet)() | 컬러 맵을 "jet"으로 설정합니다. |
| [legend](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.legend.html#matplotlib.pyplot.legend)(\* args, \*\* kwargs) | 축에 범례를 배치합니다. |
| [locator\_params](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.locator_params.html#matplotlib.pyplot.locator_params)([축, 타이트]) | 주요 틱 로케이터의 동작을 제어합니다. |
| [loglog](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.loglog.html#matplotlib.pyplot.loglog)(\* args, \*\* kwargs) | x 축과 y 축 모두에서 로그 스케일링을 사용하여 플롯을 만듭니다. |
| [magma](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.magma.html#matplotlib.pyplot.magma)() | 컬러 맵을 "magma"로 설정합니다. |
| [magnitude\_spectrum](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.magnitude_spectrum.html#matplotlib.pyplot.magnitude_spectrum)(x [, Fs, Fc, 창, ...]) | 크기 스펙트럼을 플로팅합니다. |
| [margins](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.margins.html#matplotlib.pyplot.margins)(\* 여백 [, x, y, 타이트]) | 자동 확장 여백을 설정하거나 검색합니다. |
| [matshow](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.matshow.html#matplotlib.pyplot.matshow)(A [, fignum]) | 새 Figure 창에서 배열을 행렬로 표시합니다. |
| [minorticks\_off](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.minorticks_off.html#matplotlib.pyplot.minorticks_off)() | 축에서 작은 눈금을 제거합니다. |
| [minorticks\_on](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.minorticks_on.html#matplotlib.pyplot.minorticks_on)() | 축에 작은 눈금을 표시합니다. |
| [new\_figure\_manager](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.new_figure_manager.html#matplotlib.pyplot.new_figure_manager)(num, \* args, \*\* kwargs) | 새 그림 관리자 인스턴스를 만듭니다. |
| [nipy\_spectral](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.nipy_spectral.html#matplotlib.pyplot.nipy_spectral)() | 컬러 맵을 "nipy\_spectral"로 설정합니다. |
| [pause](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.pause.html#matplotlib.pyplot.pause)(간격) | *interval* 초 동안 GUI 이벤트 루프를 실행하십시오 . |
| [pcolor](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.pcolor.html#matplotlib.pyplot.pcolor)(\* args [, 음영, 알파, 노름, cmap, ...]) | 비정규 직사각형 그리드가있는 유사 색상 플롯을 생성합니다. |
| [pcolormesh](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.pcolormesh.html#matplotlib.pyplot.pcolormesh)(\* args [, alpha, norm, cmap, vmin, ...]) | 비정규 직사각형 그리드가있는 유사 색상 플롯을 생성합니다. |
| [phase\_spectrum](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.phase_spectrum.html#matplotlib.pyplot.phase_spectrum)(x [, Fs, Fc, 창, pad\_to, ...]) | 위상 스펙트럼을 플로팅합니다. |
| [pie](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.pie.html#matplotlib.pyplot.pie)(x [, 분해, 레이블, 색상, autopct, ...]) | 원형 차트를 그립니다. |
| [pink](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.pink.html#matplotlib.pyplot.pink)() | 컬러 맵을 "분홍색"으로 설정합니다. |
| [plasma](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.plasma.html#matplotlib.pyplot.plasma)() | 컬러 맵을 "플라즈마"로 설정합니다. |
| [plot](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.plot.html#matplotlib.pyplot.plot)(\* args [, scalex, scaley, data]) | y 대 x를 선 및 / 또는 마커로 플로팅합니다. |
| [plot\_date](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.plot_date.html#matplotlib.pyplot.plot_date)(x, y [, fmt, tz, xdate, ydate, 데이터]) | 날짜가 포함 된 데이터를 플로팅합니다. |
| [polar](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.polar.html#matplotlib.pyplot.polar)(\* args, \*\* kwargs) | 극좌표를 만드십시오. |
| [prism](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.prism.html#matplotlib.pyplot.prism)() | 컬러 맵을 "프리즘"으로 설정합니다. |
| [psd](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.psd.html#matplotlib.pyplot.psd)(x [, NFFT, Fs, Fc, detrend, window, ...]) | 전력 스펙트럼 밀도를 플로팅합니다. |
| [quiver](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.quiver.html#matplotlib.pyplot.quiver)(\* args [, 데이터]) | 2D 화살표 필드를 플로팅합니다. |
| [quiverkey](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.quiverkey.html#matplotlib.pyplot.quiverkey)(Q, X, Y, U, 레이블, \*\* kw) | 퀴버 플롯에 키를 추가합니다. |
| [rc](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.rc.html#matplotlib.pyplot.rc)(그룹, \*\* kwargs) | 현재 [rcParams](https://matplotlib.org/stable/api/matplotlib_configuration_api.html" \l "matplotlib.rcParams" \o "matplotlib.rcParams). |
| [rc\_context](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.rc_context.html#matplotlib.pyplot.rc_context)([rc, fname]) | rcParams를 일시적으로 변경하기위한 컨텍스트 관리자를 반환합니다. |
| [rcdefaults](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.rcdefaults.html#matplotlib.pyplot.rcdefaults)() | [rcParams](https://matplotlib.org/stable/api/matplotlib_configuration_api.html#matplotlib.rcParams)Matplotlib의 내부 기본 스타일에서 복원하십시오 . |
| [rgrids](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.rgrids.html#matplotlib.pyplot.rgrids)([반지름, 레이블, 각도, fmt]) | 현재 극좌표 플롯에서 방사형 격자 선을 가져 오거나 설정합니다. |
| [savefig](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.savefig.html#matplotlib.pyplot.savefig)(\* args, \*\* kwargs) | 현재 그림을 저장하십시오. |
| [sca](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.sca.html#matplotlib.pyplot.sca)(도끼) | 현재 Axes를 *ax로* 설정하고 현재 Figure를 *ax* 의 부모로 설정 합니다. |
| [scatter](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.scatter.html#matplotlib.pyplot.scatter)(x, y [, s, c, 마커, cmap, norm, ...]) | 의 산점도 *Y* 대 |
| [sci](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.sci.html#matplotlib.pyplot.sci)(im) | 현재 이미지를 설정합니다. |
| [semilogx](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.semilogx.html#matplotlib.pyplot.semilogx)(\* args, \*\* kwargs) | x 축에 로그 스케일링을 사용하여 플롯을 만듭니다. |
| [semilogy](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.semilogy.html#matplotlib.pyplot.semilogy)(\* args, \*\* kwargs) | y 축에 로그 스케일링을 사용하여 플롯을 만듭니다. |
| [set\_cmap](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.set_cmap.html#matplotlib.pyplot.set_cmap)(cmap) | 기본 컬러 맵을 설정하고 현재 이미지가있는 경우이를 적용합니다. |
| [setp](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.setp.html#matplotlib.pyplot.setp)(obj, \* args, \*\* kwargs) | 아티스트 개체에 속성을 설정합니다. |
| [show](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.show.html#matplotlib.pyplot.show)(\*[, 블록]) | 열려있는 모든 그림을 표시합니다. |
| [specgram](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.specgram.html#matplotlib.pyplot.specgram)(x [, NFFT, Fs, Fc, detrend, window, ...]) | 스펙트로 그램을 플로팅합니다. |
| [spring](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.spring.html#matplotlib.pyplot.spring)() | 컬러 맵을 "봄"으로 설정합니다. |
| [spy](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.spy.html#matplotlib.pyplot.spy)(Z [, 정밀도, 마커, 마커 크기, ...]) | 2D 배열의 희소성 패턴을 플로팅합니다. |
| [stackplot](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.stackplot.html#matplotlib.pyplot.stackplot)(x, \* args [, 레이블, 색상, ...]) | 누적 면적 플롯을 그립니다. |
| [stem](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.stem.html#matplotlib.pyplot.stem)(\* args [, linefmt, markerfmt, basefmt, ...]) | 줄기 플롯을 만듭니다. |
| [step](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.step.html#matplotlib.pyplot.step)(x, y, \* args [, where, data]) | 단계 플롯을 만듭니다. |
| [streamplot](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.streamplot.html#matplotlib.pyplot.streamplot)(x, y, u, v [, 밀도, 선폭, ...]) | 벡터 흐름의 유선을 그립니다. |
| [subplot](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.subplot.html#matplotlib.pyplot.subplot)(\* args, \*\* kwargs) | 현재 Figure에 서브 플롯을 추가합니다. |
| [subplot2grid](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.subplot2grid.html#matplotlib.pyplot.subplot2grid)(모양, loc [, rowspan, colspan, fig]) | 일반 그리드 내의 특정 위치에 서브 플롯을 생성합니다. |
| [subplot\_mosaic](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.subplot_mosaic.html#matplotlib.pyplot.subplot_mosaic)(레이아웃, \* [, subplot\_kw, ...]) | ASCII 아트 또는 중첩 된 목록을 기반으로 축 레이아웃을 구축합니다. |
| [subplot\_tool](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.subplot_tool.html#matplotlib.pyplot.subplot_tool)([targetfig]) | 그림에 대한 서브 플롯 도구 창을 시작합니다. |
| [subplots](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.subplots.html#matplotlib.pyplot.subplots)([nrows, ncols, sharex, sharey, ...]) | 그림과 서브 플롯 세트를 만듭니다. |
| [subplots\_adjust](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.subplots_adjust.html#matplotlib.pyplot.subplots_adjust)([왼쪽, 아래쪽, 오른쪽, 위쪽, ...]) | 서브 플롯 레이아웃 매개 변수를 조정합니다. |
| [summer](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.summer.html#matplotlib.pyplot.summer)() | 컬러 맵을 "여름"으로 설정합니다. |
| [suptitle](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.suptitle.html#matplotlib.pyplot.suptitle)(t, \*\* kwargs) | 그림에 중앙 제목을 추가합니다. |
| [switch\_backend](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.switch_backend.html#matplotlib.pyplot.switch_backend)(뉴 백엔드) | 열려있는 모든 그림을 닫고 Matplotlib 백엔드를 설정합니다. |
| [table](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.table.html#matplotlib.pyplot.table)([cellText, cellColours, cellLoc, ...]) | 에 테이블을 추가합니다 [Axes](https://matplotlib.org/stable/api/axes_api.html#matplotlib.axes.Axes). |
| [text](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.text.html#matplotlib.pyplot.text)(x, y, s [, fontdict]) | 좌표축에 텍스트를 추가합니다. |
| [thetagrids](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.thetagrids.html#matplotlib.pyplot.thetagrids)([각도, 레이블, fmt]) | 현재 극좌표 플롯에서 세타 격자 선을 가져 오거나 설정합니다. |
| [tick\_params](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.tick_params.html#matplotlib.pyplot.tick_params)([중심선]) | 눈금, 눈금 레이블 및 격자 선의 모양을 변경합니다. |
| [ticklabel\_format](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.ticklabel_format.html#matplotlib.pyplot.ticklabel_format)(\* [, 축, 스타일, ...]) | [ScalarFormatter](https://matplotlib.org/stable/api/ticker_api.html#matplotlib.ticker.ScalarFormatter)선형 축에 대해 기본적으로 사용 되는를 구성합니다 . |
| [tight\_layout](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.tight_layout.html#matplotlib.pyplot.tight_layout)(\* [, 패드, h\_pad, w\_pad, rect]) | 서브 플롯 사이와 주변의 패딩을 조정합니다. |
| [title](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.title.html#matplotlib.pyplot.title)(라벨 [, fontdict, loc, pad, y]) | 축의 제목을 설정합니다. |
| [tricontour](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.tricontour.html#matplotlib.pyplot.tricontour)(\* args, \*\* kwargs) | 구조화되지 않은 삼각형 격자에 등고선을 그립니다. |
| [tricontourf](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.tricontourf.html#matplotlib.pyplot.tricontourf)(\* args, \*\* kwargs) | 구조화되지 않은 삼각형 그리드에 등고선 영역을 그립니다. |
| [tripcolor](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.tripcolor.html#matplotlib.pyplot.tripcolor)(\* args [, alpha, norm, cmap, vmin, ...]) | 구조화되지 않은 삼각형 그리드의 유사 색상 플롯을 만듭니다. |
| [triplot](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.triplot.html#matplotlib.pyplot.triplot)(\* args, \*\* kwargs) | 비정형 삼각형 격자를 선 및 / 또는 표식으로 그립니다. |
| [twinx](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.twinx.html#matplotlib.pyplot.twinx)([도끼]) | *x* 축을 공유하는 두 번째 축을 만들고 반환합니다 . |
| [twiny](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.twiny.html#matplotlib.pyplot.twiny)([도끼]) | *y* 축을 공유하는 두 번째 축을 만들고 반환합니다 . |
| [uninstall\_repl\_displayhook](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.uninstall_repl_displayhook.html#matplotlib.pyplot.uninstall_repl_displayhook)() | matplotlib 디스플레이 후크를 제거합니다. |
| [violinplot](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.violinplot.html#matplotlib.pyplot.violinplot)(데이터 세트 [, 위치, vert, ...]) | 바이올린 음모를 만드십시오. |
| [viridis](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.viridis.html#matplotlib.pyplot.viridis)() | 컬러 맵을 "viridis"로 설정합니다. |
| [vlines](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.vlines.html#matplotlib.pyplot.vlines)(x, ymin, ymax [, 색상, 선 스타일, ...]) | 수직선을 플로팅합니다. |
| [waitforbuttonpress](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.waitforbuttonpress.html#matplotlib.pyplot.waitforbuttonpress)([시간 초과]) | 그림과 상호 작용하기 위해 호출을 차단합니다. |
| [winter](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.winter.html#matplotlib.pyplot.winter)() | 컬러 맵을 "winter"로 설정합니다. |
| [xcorr](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.xcorr.html#matplotlib.pyplot.xcorr)(x, y [, normed, detrend, usevlines, ...]) | *x* 와 *y* 사이의 교차 상관을 플로팅합니다 . |
| [xkcd](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.xkcd.html#matplotlib.pyplot.xkcd)([스케일, 길이, 임의성]) | [xkcd](https://xkcd.com/) 스케치 스타일 그리기 모드를 켭니다. 이 함수가 호출 된 후에 그려진 항목에만 영향을줍니다. |
| [xlabel](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.xlabel.html#matplotlib.pyplot.xlabel)(xlabel [, fontdict, labelpad, loc]) | x 축의 레이블을 설정합니다. |
| [xlim](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.xlim.html#matplotlib.pyplot.xlim)(\* args, \*\* kwargs) | 현재 좌표축의 x 제한을 가져 오거나 설정합니다. |
| [xscale](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.xscale.html#matplotlib.pyplot.xscale)(값, \*\* kwargs) | x 축 스케일을 설정합니다. |
| [xticks](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.xticks.html#matplotlib.pyplot.xticks)([틱, 라벨]) | x 축의 현재 눈금 위치와 레이블을 가져 오거나 설정합니다. |
| [ylabel](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.ylabel.html#matplotlib.pyplot.ylabel)(ylabel [, fontdict, labelpad, loc]) | y 축의 레이블을 설정합니다. |
| [ylim](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.ylim.html#matplotlib.pyplot.ylim)(\* args, \*\* kwargs) | 현재 좌표축의 y 제한을 가져 오거나 설정합니다. |
| [yscale](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.yscale.html#matplotlib.pyplot.yscale)(값, \*\* kwargs) | y 축 스케일을 설정합니다. |
| [yticks](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.yticks.html#matplotlib.pyplot.yticks)([틱, 라벨]) | Y 축의 현재 눈금 위치 및 레이블을 가져 오거나 설정합니다. |

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| [acorr](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.acorr.html#matplotlib.pyplot.acorr)(x, \\*[, data]) | Plot the autocorrelation of *x*. |
| [angle\_spectrum](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.angle_spectrum.html#matplotlib.pyplot.angle_spectrum)(x[, Fs, Fc, window, pad\_to, ...]) | Plot the angle spectrum. |
| [annotate](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.annotate.html#matplotlib.pyplot.annotate)(s, xy, \\*args, \\*\\*kwargs) | Annotate the point *xy* with text *text*. |
| [arrow](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.arrow.html#matplotlib.pyplot.arrow)(x, y, dx, dy, \\*\\*kwargs) | Add an arrow to the axes. |
| [autoscale](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.autoscale.html#matplotlib.pyplot.autoscale)([enable, axis, tight]) | Autoscale the axis view to the data (toggle). |
| [autumn](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.autumn.html#matplotlib.pyplot.autumn)() | Set the colormap to "autumn". |
| [axes](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.axes.html#matplotlib.pyplot.axes)([arg]) | Add an axes to the current figure and make it the current axes. |
| [axhline](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.axhline.html#matplotlib.pyplot.axhline)([y, xmin, xmax]) | Add a horizontal line across the axis. |
| [axhspan](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.axhspan.html#matplotlib.pyplot.axhspan)(ymin, ymax[, xmin, xmax]) | Add a horizontal span (rectangle) across the axis. |
| [axis](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.axis.html#matplotlib.pyplot.axis)(\\*args, \\*\\*kwargs) | Convenience method to get or set some axis properties. |
| [axvline](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.axvline.html#matplotlib.pyplot.axvline)([x, ymin, ymax]) | Add a vertical line across the axes. |
| [axvspan](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.axvspan.html#matplotlib.pyplot.axvspan)(xmin, xmax[, ymin, ymax]) | Add a vertical span (rectangle) across the axes. |
| [bar](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.bar.html#matplotlib.pyplot.bar)(x, height[, width, bottom, align, data]) | Make a bar plot. |
| [barbs](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.barbs.html#matplotlib.pyplot.barbs)(\\*args[, data]) | Plot a 2D field of barbs. |
| [barh](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.barh.html#matplotlib.pyplot.barh)(y, width[, height, left, align]) | Make a horizontal bar plot. |
| [bone](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.bone.html#matplotlib.pyplot.bone)() | Set the colormap to "bone". |
| [box](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.box.html#matplotlib.pyplot.box)([on]) | Turn the axes box on or off on the current axes. |
| [boxplot](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.boxplot.html#matplotlib.pyplot.boxplot)(x[, notch, sym, vert, whis, ...]) | Make a box and whisker plot. |
| [broken\_barh](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.broken_barh.html#matplotlib.pyplot.broken_barh)(xranges, yrange, \\*[, data]) | Plot a horizontal sequence of rectangles. |
| [cla](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.cla.html#matplotlib.pyplot.cla)() | Clear the current axes. |
| [clabel](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.clabel.html#matplotlib.pyplot.clabel)(CS, \\*args, \\*\\*kwargs) | Label a contour plot. |
| [clf](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.clf.html#matplotlib.pyplot.clf)() | Clear the current figure. |
| [clim](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.clim.html#matplotlib.pyplot.clim)([vmin, vmax]) | Set the color limits of the current image. |
| [close](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.close.html#matplotlib.pyplot.close)([fig]) | Close a figure window. |
| [cohere](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.cohere.html#matplotlib.pyplot.cohere)(x, y[, NFFT, Fs, Fc, detrend, ...]) | Plot the coherence between *x* and *y*. |
| [colorbar](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.colorbar.html#matplotlib.pyplot.colorbar)([mappable, cax, ax]) | Add a colorbar to a plot. |
| [connect](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.connect.html#matplotlib.pyplot.connect)(s, func) | Connect event with string *s* to *func*. |
| [contour](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.contour.html#matplotlib.pyplot.contour)(\\*args[, data]) | Plot contours. |
| [contourf](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.contourf.html#matplotlib.pyplot.contourf)(\\*args[, data]) | Plot contours. |
| [cool](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.cool.html#matplotlib.pyplot.cool)() | Set the colormap to "cool". |
| [copper](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.copper.html#matplotlib.pyplot.copper)() | Set the colormap to "copper". |
| [csd](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.csd.html#matplotlib.pyplot.csd)(x, y[, NFFT, Fs, Fc, detrend, window, ...]) | Plot the cross-spectral density. |
| [delaxes](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.delaxes.html#matplotlib.pyplot.delaxes)([ax]) | Remove the Axes *ax* (defaulting to the current axes) from its figure. |
| [disconnect](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.disconnect.html#matplotlib.pyplot.disconnect)(cid) | Disconnect callback id cid |
| [draw](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.draw.html#matplotlib.pyplot.draw)() | Redraw the current figure. |
| [errorbar](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.errorbar.html#matplotlib.pyplot.errorbar)(x, y[, yerr, xerr, fmt, ecolor, ...]) | Plot y versus x as lines and/or markers with attached errorbars. |
| [eventplot](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.eventplot.html#matplotlib.pyplot.eventplot)(positions[, orientation, ...]) | Plot identical parallel lines at the given positions. |
| [figimage](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.figimage.html#matplotlib.pyplot.figimage)(\\*args, \\*\\*kwargs) | Add a non-resampled image to the figure. |
| [figlegend](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.figlegend.html#matplotlib.pyplot.figlegend)(\\*args, \\*\\*kwargs) | Place a legend on the figure. |
| [fignum\_exists](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.fignum_exists.html#matplotlib.pyplot.fignum_exists)(num) | Return whether the figure with the given id exists. |
| [figtext](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.figtext.html#matplotlib.pyplot.figtext)(x, y, s, \\*args, \\*\\*kwargs) | Add text to figure. |
| [figure](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.figure.html#matplotlib.pyplot.figure)([num, figsize, dpi, facecolor, ...]) | Create a new figure. |
| [fill](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.fill.html#matplotlib.pyplot.fill)(\\*args[, data]) | Plot filled polygons. |
| [fill\_between](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.fill_between.html#matplotlib.pyplot.fill_between)(x, y1[, y2, where, ...]) | Fill the area between two horizontal curves. |
| [fill\_betweenx](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.fill_betweenx.html#matplotlib.pyplot.fill_betweenx)(y, x1[, x2, where, step, ...]) | Fill the area between two vertical curves. |
| [findobj](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.findobj.html#matplotlib.pyplot.findobj)([o, match, include\_self]) | Find artist objects. |
| [flag](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.flag.html#matplotlib.pyplot.flag)() | Set the colormap to "flag". |
| [gca](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.gca.html#matplotlib.pyplot.gca)(\\*\\*kwargs) | Get the current [Axes](https://matplotlib.org/3.1.1/api/axes_api.html#matplotlib.axes.Axes) instance on the current figure matching the given keyword args, or create one. |
| [gcf](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.gcf.html#matplotlib.pyplot.gcf)() | Get the current figure. |
| [gci](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.gci.html#matplotlib.pyplot.gci)() | Get the current colorable artist. |
| [get\_current\_fig\_manager](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.get_current_fig_manager.html#matplotlib.pyplot.get_current_fig_manager)() | Return the figure manager of the current figure. |
| [get\_figlabels](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.get_figlabels.html#matplotlib.pyplot.get_figlabels)() | Return a list of existing figure labels. |
| [get\_fignums](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.get_fignums.html#matplotlib.pyplot.get_fignums)() | Return a list of existing figure numbers. |
| [get\_plot\_commands](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.get_plot_commands.html#matplotlib.pyplot.get_plot_commands)() | Get a sorted list of all of the plotting commands. |
| [ginput](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.ginput.html#matplotlib.pyplot.ginput)(\\*args, \\*\\*kwargs) | Blocking call to interact with a figure. |
| [gray](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.gray.html#matplotlib.pyplot.gray)() | Set the colormap to "gray". |
| [grid](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.grid.html#matplotlib.pyplot.grid)([b, which, axis]) | Configure the grid lines. |
| [hexbin](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.hexbin.html#matplotlib.pyplot.hexbin)(x, y[, C, gridsize, bins, xscale, ...]) | Make a 2D hexagonal binning plot of points *x*, *y*. |
| [hist](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.hist.html#matplotlib.pyplot.hist)(x[, bins, range, density, weights, ...]) | Plot a histogram. |
| [hist2d](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.hist2d.html#matplotlib.pyplot.hist2d)(x, y[, bins, range, density, ...]) | Make a 2D histogram plot. |
| [hlines](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.hlines.html#matplotlib.pyplot.hlines)(y, xmin, xmax[, colors, linestyles, ...]) | Plot horizontal lines at each *y* from *xmin* to *xmax*. |
| [hot](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.hot.html#matplotlib.pyplot.hot)() | Set the colormap to "hot". |
| [hsv](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.hsv.html#matplotlib.pyplot.hsv)() | Set the colormap to "hsv". |
| [imread](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.imread.html#matplotlib.pyplot.imread)(fname[, format]) | Read an image from a file into an array. |
| [imsave](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.imsave.html#matplotlib.pyplot.imsave)(fname, arr, \\*\\*kwargs) | Save an array as an image file. |
| [imshow](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.imshow.html#matplotlib.pyplot.imshow)(X[, cmap, norm, aspect, ...]) | Display an image, i.e. |
| [inferno](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.inferno.html#matplotlib.pyplot.inferno)() | Set the colormap to "inferno". |
| [install\_repl\_displayhook](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.install_repl_displayhook.html#matplotlib.pyplot.install_repl_displayhook)() | Install a repl display hook so that any stale figure are automatically redrawn when control is returned to the repl. |
| [ioff](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.ioff.html#matplotlib.pyplot.ioff)() | Turn the interactive mode off. |
| [ion](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.ion.html#matplotlib.pyplot.ion)() | Turn the interactive mode on. |
| [isinteractive](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.isinteractive.html#matplotlib.pyplot.isinteractive)() | Return the status of interactive mode. |
| [jet](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.jet.html#matplotlib.pyplot.jet)() | Set the colormap to "jet". |
| [legend](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.legend.html#matplotlib.pyplot.legend)(\\*args, \\*\\*kwargs) | Place a legend on the axes. |
| [locator\_params](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.locator_params.html#matplotlib.pyplot.locator_params)([axis, tight]) | Control behavior of major tick locators. |
| [loglog](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.loglog.html#matplotlib.pyplot.loglog)(\\*args, \\*\\*kwargs) | Make a plot with log scaling on both the x and y axis. |
| [magma](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.magma.html#matplotlib.pyplot.magma)() | Set the colormap to "magma". |
| [magnitude\_spectrum](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.magnitude_spectrum.html#matplotlib.pyplot.magnitude_spectrum)(x[, Fs, Fc, window, ...]) | Plot the magnitude spectrum. |
| [margins](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.margins.html#matplotlib.pyplot.margins)(\\*margins[, x, y, tight]) | Set or retrieve autoscaling margins. |
| [matshow](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.matshow.html#matplotlib.pyplot.matshow)(A[, fignum]) | Display an array as a matrix in a new figure window. |
| [minorticks\_off](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.minorticks_off.html#matplotlib.pyplot.minorticks_off)() | Remove minor ticks from the axes. |
| [minorticks\_on](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.minorticks_on.html#matplotlib.pyplot.minorticks_on)() | Display minor ticks on the axes. |
| [nipy\_spectral](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.nipy_spectral.html#matplotlib.pyplot.nipy_spectral)() | Set the colormap to "nipy\_spectral". |
| [pause](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.pause.html#matplotlib.pyplot.pause)(interval) | Pause for *interval* seconds. |
| [pcolor](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.pcolor.html#matplotlib.pyplot.pcolor)(\\*args[, alpha, norm, cmap, vmin, ...]) | Create a pseudocolor plot with a non-regular rectangular grid. |
| [pcolormesh](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.pcolormesh.html#matplotlib.pyplot.pcolormesh)(\\*args[, alpha, norm, cmap, ...]) | Create a pseudocolor plot with a non-regular rectangular grid. |
| [phase\_spectrum](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.phase_spectrum.html#matplotlib.pyplot.phase_spectrum)(x[, Fs, Fc, window, pad\_to, ...]) | Plot the phase spectrum. |
| [pie](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.pie.html#matplotlib.pyplot.pie)(x[, explode, labels, colors, autopct, ...]) | Plot a pie chart. |
| [pink](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.pink.html#matplotlib.pyplot.pink)() | Set the colormap to "pink". |
| [plasma](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.plasma.html#matplotlib.pyplot.plasma)() | Set the colormap to "plasma". |
| [plot](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.plot.html#matplotlib.pyplot.plot)(\\*args[, scalex, scaley, data]) | Plot y versus x as lines and/or markers. |
| [plot\_date](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.plot_date.html#matplotlib.pyplot.plot_date)(x, y[, fmt, tz, xdate, ydate, data]) | Plot data that contains dates. |
| [plotfile](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.plotfile.html#matplotlib.pyplot.plotfile)(fname[, cols, plotfuncs, comments, ...]) | Plot the data in a file. |
| [polar](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.polar.html#matplotlib.pyplot.polar)(\\*args, \\*\\*kwargs) | Make a polar plot. |
| [prism](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.prism.html#matplotlib.pyplot.prism)() | Set the colormap to "prism". |
| [psd](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.psd.html#matplotlib.pyplot.psd)(x[, NFFT, Fs, Fc, detrend, window, ...]) | Plot the power spectral density. |
| [quiver](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.quiver.html#matplotlib.pyplot.quiver)(\\*args[, data]) | Plot a 2D field of arrows. |
| [quiverkey](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.quiverkey.html#matplotlib.pyplot.quiverkey)(Q, X, Y, U, label, \\*\\*kw) | Add a key to a quiver plot. |
| [rc](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.rc.html#matplotlib.pyplot.rc)(group, \\*\\*kwargs) | Set the current rc params. |
| [rc\_context](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.rc_context.html#matplotlib.pyplot.rc_context)([rc, fname]) | Return a context manager for managing rc settings. |
| [rcdefaults](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.rcdefaults.html#matplotlib.pyplot.rcdefaults)() | Restore the rc params from Matplotlib's internal default style. |
| [rgrids](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.rgrids.html#matplotlib.pyplot.rgrids)(\\*args, \\*\\*kwargs) | Get or set the radial gridlines on the current polar plot. |
| [savefig](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.savefig.html#matplotlib.pyplot.savefig)(\\*args, \\*\\*kwargs) | Save the current figure. |
| [sca](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.sca.html#matplotlib.pyplot.sca)(ax) | Set the current Axes instance to *ax*. |
| [scatter](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.scatter.html#matplotlib.pyplot.scatter)(x, y[, s, c, marker, cmap, norm, ...]) | A scatter plot of *y* vs *x* with varying marker size and/or color. |
| [sci](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.sci.html#matplotlib.pyplot.sci)(im) | Set the current image. |
| [semilogx](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.semilogx.html#matplotlib.pyplot.semilogx)(\\*args, \\*\\*kwargs) | Make a plot with log scaling on the x axis. |
| [semilogy](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.semilogy.html#matplotlib.pyplot.semilogy)(\\*args, \\*\\*kwargs) | Make a plot with log scaling on the y axis. |
| [set\_cmap](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.set_cmap.html#matplotlib.pyplot.set_cmap)(cmap) | Set the default colormap. |
| [setp](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.setp.html#matplotlib.pyplot.setp)(obj, \\*args, \\*\\*kwargs) | Set a property on an artist object. |
| [show](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.show.html#matplotlib.pyplot.show)(\\*args, \\*\\*kw) | Display a figure. |
| [specgram](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.specgram.html#matplotlib.pyplot.specgram)(x[, NFFT, Fs, Fc, detrend, window, ...]) | Plot a spectrogram. |
| [spring](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.spring.html#matplotlib.pyplot.spring)() | Set the colormap to "spring". |
| [spy](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.spy.html#matplotlib.pyplot.spy)(Z[, precision, marker, markersize, ...]) | Plot the sparsity pattern of a 2D array. |
| [stackplot](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.stackplot.html#matplotlib.pyplot.stackplot)(x, \\*args[, labels, colors, ...]) | Draw a stacked area plot. |
| [stem](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.stem.html#matplotlib.pyplot.stem)(\\*args[, linefmt, markerfmt, basefmt, ...]) | Create a stem plot. |
| [step](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.step.html#matplotlib.pyplot.step)(x, y, \\*args[, where, data]) | Make a step plot. |
| [streamplot](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.streamplot.html#matplotlib.pyplot.streamplot)(x, y, u, v[, density, linewidth, ...]) | Draw streamlines of a vector flow. |
| [subplot](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.subplot.html#matplotlib.pyplot.subplot)(\\*args, \\*\\*kwargs) | Add a subplot to the current figure. |
| [subplot2grid](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.subplot2grid.html#matplotlib.pyplot.subplot2grid)(shape, loc[, rowspan, colspan, fig]) | Create an axis at specific location inside a regular grid. |
| [subplot\_tool](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.subplot_tool.html#matplotlib.pyplot.subplot_tool)([targetfig]) | Launch a subplot tool window for a figure. |
| [subplots](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.subplots.html#matplotlib.pyplot.subplots)([nrows, ncols, sharex, sharey, ...]) | Create a figure and a set of subplots. |
| [subplots\_adjust](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.subplots_adjust.html#matplotlib.pyplot.subplots_adjust)([left, bottom, right, top, ...]) | Tune the subplot layout. |
| [summer](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.summer.html#matplotlib.pyplot.summer)() | Set the colormap to "summer". |
| [suptitle](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.suptitle.html#matplotlib.pyplot.suptitle)(t, \\*\\*kwargs) | Add a centered title to the figure. |
| [switch\_backend](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.switch_backend.html#matplotlib.pyplot.switch_backend)(newbackend) | Close all open figures and set the Matplotlib backend. |
| [table](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.table.html#matplotlib.pyplot.table)([cellText, cellColours, cellLoc, ...]) | Add a table to an [Axes](https://matplotlib.org/3.1.1/api/axes_api.html#matplotlib.axes.Axes). |
| [text](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.text.html#matplotlib.pyplot.text)(x, y, s[, fontdict, withdash]) | Add text to the axes. |
| [thetagrids](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.thetagrids.html#matplotlib.pyplot.thetagrids)(\\*args, \\*\\*kwargs) | Get or set the theta gridlines on the current polar plot. |
| [tick\_params](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.tick_params.html#matplotlib.pyplot.tick_params)([axis]) | Change the appearance of ticks, tick labels, and gridlines. |
| [ticklabel\_format](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.ticklabel_format.html#matplotlib.pyplot.ticklabel_format)(\\*[, axis, style, ...]) | Change the [ScalarFormatter](https://matplotlib.org/3.1.1/api/ticker_api.html" \l "matplotlib.ticker.ScalarFormatter" \o "matplotlib.ticker.ScalarFormatter) used by default for linear axes. |
| [tight\_layout](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.tight_layout.html#matplotlib.pyplot.tight_layout)([pad, h\_pad, w\_pad, rect]) | Automatically adjust subplot parameters to give specified padding. |
| [title](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.title.html#matplotlib.pyplot.title)(label[, fontdict, loc, pad]) | Set a title for the axes. |
| [tricontour](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.tricontour.html#matplotlib.pyplot.tricontour)(\\*args, \\*\\*kwargs) | Draw contours on an unstructured triangular grid. |
| [tricontourf](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.tricontourf.html#matplotlib.pyplot.tricontourf)(\\*args, \\*\\*kwargs) | Draw contours on an unstructured triangular grid. |
| [tripcolor](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.tripcolor.html#matplotlib.pyplot.tripcolor)(\\*args[, alpha, norm, cmap, vmin, ...]) | Create a pseudocolor plot of an unstructured triangular grid. |
| [triplot](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.triplot.html#matplotlib.pyplot.triplot)(\\*args, \\*\\*kwargs) | Draw a unstructured triangular grid as lines and/or markers. |
| [twinx](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.twinx.html#matplotlib.pyplot.twinx)([ax]) | Make and return a second axes that shares the *x*-axis. |
| [twiny](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.twiny.html#matplotlib.pyplot.twiny)([ax]) | Make and return a second axes that shares the *y*-axis. |
| [uninstall\_repl\_displayhook](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.uninstall_repl_displayhook.html#matplotlib.pyplot.uninstall_repl_displayhook)() | Uninstall the matplotlib display hook. |
| [violinplot](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.violinplot.html#matplotlib.pyplot.violinplot)(dataset[, positions, vert, ...]) | Make a violin plot. |
| [viridis](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.viridis.html#matplotlib.pyplot.viridis)() | Set the colormap to "viridis". |
| [vlines](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.vlines.html#matplotlib.pyplot.vlines)(x, ymin, ymax[, colors, linestyles, ...]) | Plot vertical lines. |
| [waitforbuttonpress](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.waitforbuttonpress.html#matplotlib.pyplot.waitforbuttonpress)(\\*args, \\*\\*kwargs) | Blocking call to interact with the figure. |
| [winter](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.winter.html#matplotlib.pyplot.winter)() | Set the colormap to "winter". |
| [xcorr](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.xcorr.html#matplotlib.pyplot.xcorr)(x, y[, normed, detrend, usevlines, ...]) | Plot the cross correlation between *x* and *y*. |
| [xkcd](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.xkcd.html#matplotlib.pyplot.xkcd)([scale, length, randomness]) | Turn on [xkcd](https://xkcd.com/) sketch-style drawing mode.This will only have effect on things drawn after this function is called.. |
| [xlabel](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.xlabel.html#matplotlib.pyplot.xlabel)(xlabel[, fontdict, labelpad]) | Set the label for the x-axis. |
| [xlim](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.xlim.html#matplotlib.pyplot.xlim)(\\*args, \\*\\*kwargs) | Get or set the x limits of the current axes. |
| [xscale](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.xscale.html#matplotlib.pyplot.xscale)(value, \\*\\*kwargs) | Set the x-axis scale. |
| [xticks](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.xticks.html#matplotlib.pyplot.xticks)([ticks, labels]) | Get or set the current tick locations and labels of the x-axis. |
| [ylabel](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.ylabel.html#matplotlib.pyplot.ylabel)(ylabel[, fontdict, labelpad]) | Set the label for the y-axis. |
| [ylim](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.ylim.html#matplotlib.pyplot.ylim)(\\*args, \\*\\*kwargs) | Get or set the y-limits of the current axes. |
| [yscale](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.yscale.html#matplotlib.pyplot.yscale)(value, \\*\\*kwargs) | Set the y-axis scale. |
| [yticks](https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.yticks.html#matplotlib.pyplot.yticks)([ticks, labels]) | Get or set the current tick locations and labels of the y-axis. |