

Converting Colors

XYZ(80.9960, 79.5940, 80.4724)

Have a look what the booklet for
XYZ(80.9960, 79.5940, 80.4724)
contains.

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Color

**XYZ(80.8125, 79.3093,
80.1562)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFDE
RGB	255, 223, 222
RGB Percent	100%, 87%, 87%
CMY	0.0000, 0.1255, 0.1294
CMYK	0.00, 0.13, 0.13, 0.00
HSL	2°, 100%, 94%
HSV	2°, 13%, 100%
XYZ	80.8125, 79.3093, 80.1562
YIQ	232.4540, 19.3930, 6.4730

Conversions

Conversions Part 2

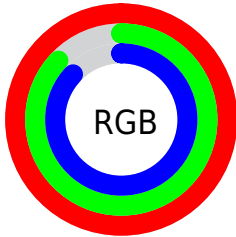
Format	Color
R _Y B	255, 223, 222
Decimal	16768990
CIE Lab	91.37, 10.86, 4.54
CIE LCh	91, 11.770, 22.688
Yxy	79.3093, 0.3363, 0.3301
Android (android.graphics.Color)	4294959070 (0xFFFFDFDE)
YUV	232.4540, -5.1538, 19.7728
Hunter-Lab	89.0558, 6.1299, 8.9740

Details

The XYZ color **80.8125, 79.3093, 80.1562** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.6151, 93.6306, 108.2733**, and the grayscale version is **77.0708, 81.0845, 88.3010**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2664, 42.8011, 42.4876** is the 20% darker color. If you saturate the color by 10%, you get **71.5197, 65.7858, 61.4528**, and if you desaturate by 10%, it is **91.5904, 94.9752, 101.9068**.

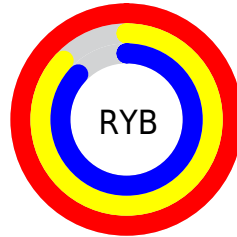
Distribution



Red (100%)

Green (87%)

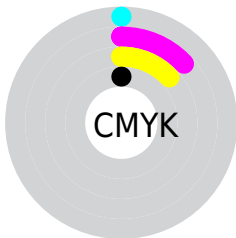
Blue (87%)



Red (100%)

Yellow (87%)

Blue (87%)

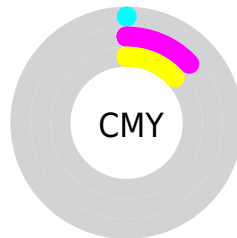


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.8125, 79.3093, 80.1562 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 80.8125, 79.3093, 80.1562 by changing the saturation by 10% instead.


 80.8125, 79.3093,
80.1562

 80.8125, 79.3093,
80.1562


486.3617,
492.6021, 515.1797

 60.6979, 59.1501,
59.3200


133.4520,
132.3942, 135.3987

 44.2331, 42.7340,
42.4490

166.7077,
166.0887, 170.6421

 31.0525, 29.6765,
29.1249


205.0744,
205.0639, 211.5249

 20.7908, 19.5931,
18.9289

248.9176,
249.7040, 258.4657

 13.0828, 12.0996,
11.4426

298.6025,
300.3935, 311.8830

 7.5630, 6.8116,
6.2475

354.4947,

 3.8660, 3.3445,

357.5167, 372.1955

2.9249

416.9593,
421.4581, 439.8215

■ 1.6266, 1.3141,
1.0564

■ 0.4097, 0.1521,
0.0000

■ 80.8125, 79.3093,
80.1562

■ 80.8125, 79.3093,
80.1562

■ 71.5197, 65.7858,
61.4528

■ 91.5904, 94.9752,
101.9068

■ 63.6418, 54.3022,
45.6560

95.0500, 100.0000,
108.9000

■ 57.1110, 44.7626,
32.6213

■ 51.8519, 37.0593,
22.1901

■ 47.7816, 31.0745,
14.1877

■ 44.8076, 26.6764,
8.4179

■ 42.8234, 23.7142,
4.6543

■ 41.7015, 22.0082,
2.6224

■ 41.3243, 21.4285,
1.9581

Harmonies

Analogous

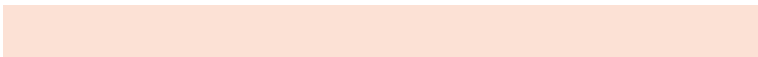
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2303, 79.3093, 88.4677



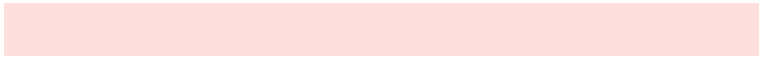
80.8125, 79.3093, 80.1562



78.9211, 79.3093, 73.9061

Triad

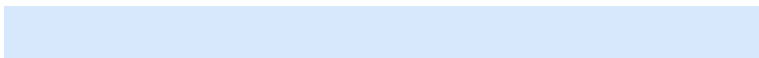
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.8125, 79.3093, 80.1562



70.8991, 79.3093, 76.7505



74.6515, 79.3093, 103.7424

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



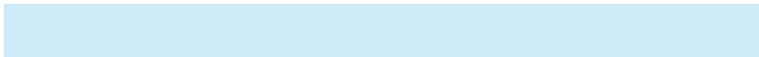
80.8125, 79.3093, 80.1562



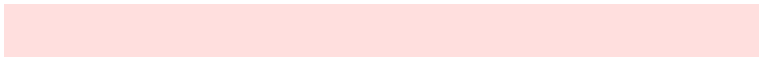
83.6151, 93.6306, 108.2733

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.9486, 79.3093, 100.1273



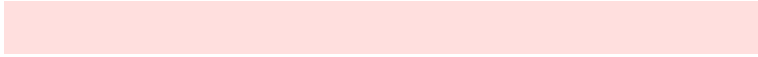
80.8125, 79.3093, 80.1562



69.8196, 79.3093, 84.2749

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.8125, 79.3093, 80.1562



73.1846, 79.3093, 72.0325



70.1987, 79.3093, 92.8640



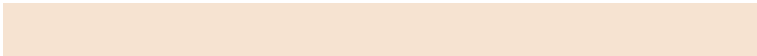
77.6211, 79.3093, 102.4589

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



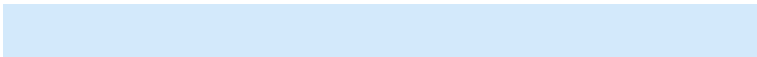
80.8125, 79.3093, 80.1562



77.1055, 79.3093, 71.5654



70.1987, 79.3093, 92.8640



73.6827, 79.3093, 103.0521

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



80.8144, 79.3127, 80.1579



90.3768, 93.2121, 99.4546



85.3233, 80.6880, 105.2216



19.1621, 19.6865, 20.9193



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

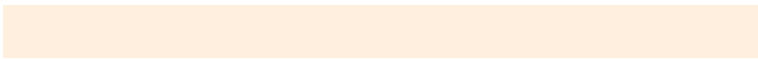
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.8144, 79.3127, 80.1579



77.8163, 74.9516, 74.1181



85.3064, 88.2968, 81.6552



18.0537, 18.0756, 18.6817



21.6120, 11.2352, 1.0295



2.1192, 1.1238, 0.1052

Inverse Universe

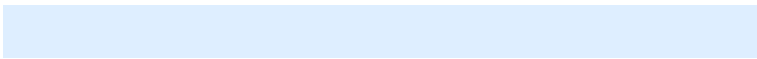
The Inverse Universe completely reimagines the original color for something new.



83.6151, 93.6306, 108.2733



81.2050, 92.2763, 108.1389



78.7349, 83.8703, 106.6466



18.5047, 20.3809, 23.2086



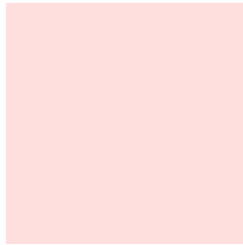
26.8701, 38.6498, 55.4785



2.6306, 3.7919, 5.4065

Previews

White Background



This preview shows how the XYZ color 80.8125, 79.3093, 80.1562 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 80.8125, 79.3093, 80.1562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

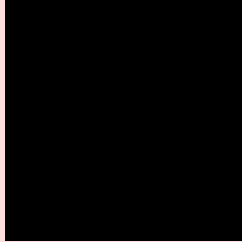
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

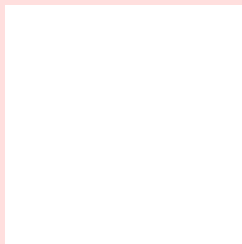
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.8125, 79.3093, 80.1562

Background



This preview shows how black text looks on a background with the XYZ color 80.8125, 79.3093, 80.1562.



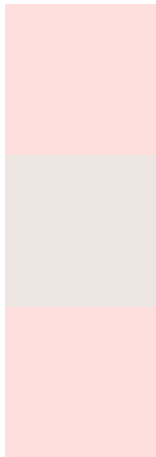
This preview shows how white text looks on a background with the XYZ color 80.8125, 79.3093,

80.1562.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

80.8125, 79.3093, 80.1562

Protanopia

76.3388, 79.3625, 83.2465

Deuteranopia

80.8125, 79.3093, 80.1562



Tritanopia

82.3825, 79.0873, 91.0441

Trichromacy



Original Color

80.8125, 79.3093, 80.1562

Protanomaly

78.0218, 79.4291, 82.4533

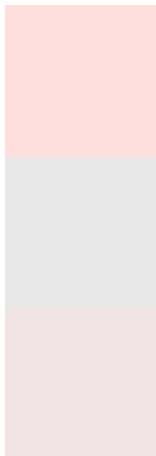
Deuteranomaly

80.8125, 79.3093, 80.1562

Tritanomaly

81.9268, 79.3287, 87.3379

Monochromacy



Original Color

80.8125, 79.3093, 80.1562

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.9581, 80.1653, 84.7634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.8125, 79.3093, 80.1562 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 223, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 222)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 223, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 222) }
```

Border

The CSS property to change the border of an element to XYZ 80.8125, 79.3093, 80.1562 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 223, 222) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 223, 222) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 223, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 223, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 223, 222); box-shadow:4px 4px 4px 4px rgb(255, 223, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 80.8125, 79.3093, 80.1562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 222) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
223, 222) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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