

Converting Colors

XYZ(80.4143, 78.9242, 81.0270)

Have a look what the booklet for
XYZ(80.4143, 78.9242, 81.0270)
contains.

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Color

**XYZ(80.5800, 79.1739,
80.8471)**

Conversions

Conversions Part 1

Format	Color
Hex	FEDFDF
RGB	254, 223, 223
RGB Percent	100%, 87%, 87%
CMY	0.0039, 0.1255, 0.1255
CMYK	0.00, 0.12, 0.12, 0.00
HSL	0°, 94%, 94%
HSV	0°, 12%, 100%
XYZ	80.5800, 79.1739, 80.8471
YIQ	232.2690, 18.4760, 6.5720

Conversions

Conversions Part 2

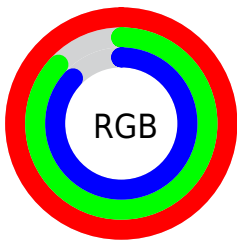
Format	Color
RYB	254, 223, 223
Decimal	16703455
CIELab	91.31, 10.67, 3.92
CIELCh	91, 11.364, 20.161
Yxy	79.1739, 0.3349, 0.3291
Android (android.graphics.Color)	4294893535 (0xFFFEFDFD)
YUV	232.2690, -4.5696, 19.0581
Hunter-Lab	88.9797, 5.9350, 8.4148

Details

The XYZ color **80.5800, 79.1739, 80.8471** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.7621, 93.7254, 107.4428**, and the grayscale version is **76.9285, 80.9348, 88.1380**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.0965, 42.7027, 42.9641** is the 20% darker color. If you saturate the color by 10%, you get **71.1255, 65.3398, 62.0485**, and if you desaturate by 10%, it is **91.5704, 95.2558, 102.6940**.

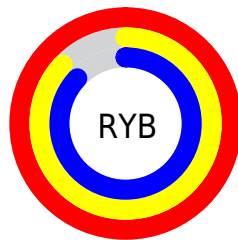
Distribution



Red (100%)

Green (87%)

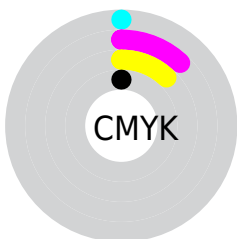
Blue (87%)



Red (100%)

Yellow (87%)

Blue (87%)

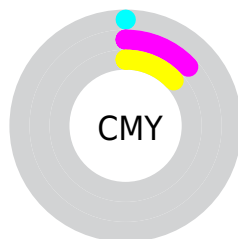


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.5800, 79.1739, 80.8471 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 80.5800, 79.1739, 80.8471 by changing the saturation by 10% instead.

 80.5800, 79.1739,
80.8471

 80.5800, 79.1739,
80.8471


485.5921,
492.1444, 517.5649

 60.5059, 59.0388,
59.8854


133.1271,
132.2036, 136.3782

 44.0775, 42.6444,
42.9016


166.3308,
165.8671, 171.7847

 30.9296, 29.6062,
29.4771


204.6417,
204.8088, 212.8432

 20.6968, 19.5399,
19.1933

248.4252,
249.4131, 259.9723

 13.0138, 12.0610,
11.6318

298.0467,
300.0644, 313.5904

 7.5151, 6.7852,
6.3740

353.8714,

 3.8354, 3.3282,

357.1471, 374.1162

3.0014

416.2648,
421.0457, 441.9682

■ 1.6095, 1.3054,
1.0953

■ 0.3986, 0.1453,
0.0000

■ 80.5800, 79.1739,
80.8471

■ 80.5800, 79.1739,
80.8471

■ 71.1255, 65.3398,
62.0485

■ 91.5704, 95.2558,
102.6940

■ 63.1323, 53.6436,
46.1580

94.6834, 99.8110,
108.8828

■ 56.5295, 43.9819,
33.0320

■ 51.2378, 36.2385,
22.5126

■ 47.1698, 30.2857,
14.4262

■ 44.2276, 25.9801,
8.5779

■ 42.2982, 23.1565,
4.7432

■ 41.2452, 21.6153,
2.6509

■ 40.8738, 21.0718,
1.9130

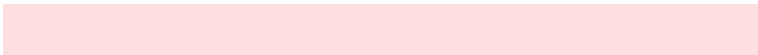
Harmonies

Analogous

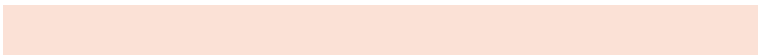
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8506, 79.1739, 88.9497



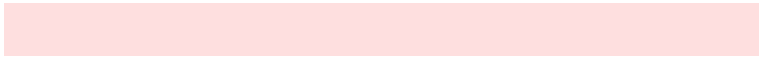
80.5800, 79.1739, 80.8471



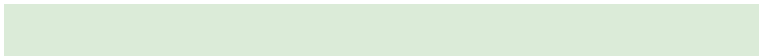
78.8618, 79.1739, 74.5761

Triad

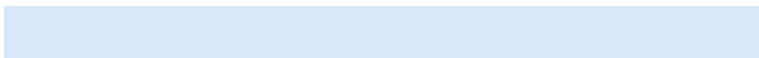
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.5800, 79.1739, 80.8471



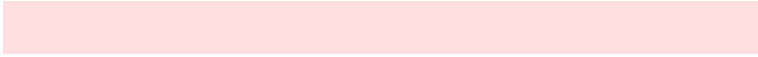
71.0734, 79.1739, 76.4260



74.3087, 79.1739, 102.8242

Complementary

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



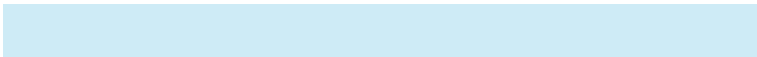
80.5800, 79.1739, 80.8471



83.7621, 93.7254, 107.4428

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.



71.7549, 79.1739, 98.9882



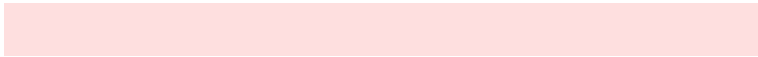
80.5800, 79.1739, 80.8471



69.9188, 79.1739, 83.5211

Square

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



80.5800, 79.1739, 80.8471



73.3569, 79.1739, 72.1389



70.1650, 79.1739, 91.7985



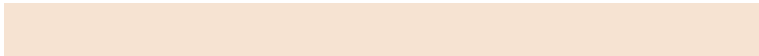
77.1803, 79.1739, 101.9944

Rectangle

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



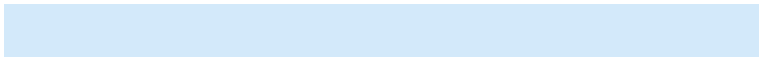
80.5800, 79.1739, 80.8471



77.1505, 79.1739, 72.1117



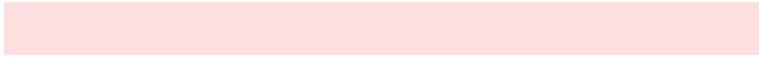
70.1650, 79.1739, 91.7985



73.3858, 79.1739, 102.0287

Sweetspot

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



80.5822, 79.1774, 80.8488



90.2833, 93.0251, 99.4234



85.1510, 81.0030, 104.9139



19.1386, 19.6394, 20.9115



0.0000, 0.0000, 0.0000



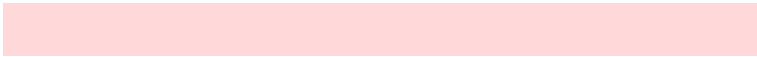
20.3446, 21.4041, 23.3091

Same Dimension

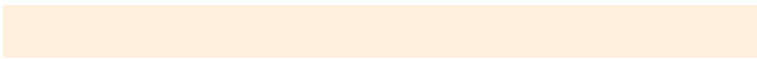
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.5822, 79.1774, 80.8488



78.4818, 75.7565, 75.9613



84.9136, 87.8402, 82.2926



18.0097, 17.9875, 18.6671



21.5491, 11.1094, 1.0086



2.0982, 1.0818, 0.0982

Inverse Universe

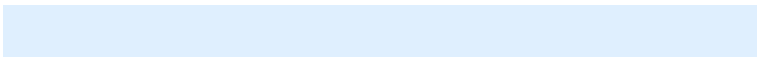
The Inverse Universe completely reimagines the original color for something new.



83.7621, 93.7254, 107.4428



82.3492, 93.4499, 108.3051



79.0421, 84.2854, 105.8695



18.5547, 20.4810, 23.2252



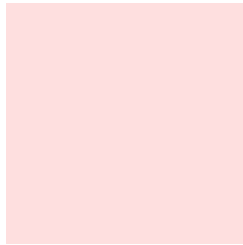
28.1108, 41.1312, 55.8921



2.7371, 4.0049, 5.4420

Previews

White Background



This preview shows how the XYZ color 80.5800, 79.1739, 80.8471 looks on a white background.

Color Contrast Check

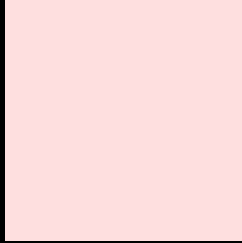
Large Text (above 18pt) WCAG AA × Fail

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 80.5800, 79.1739, 80.8471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

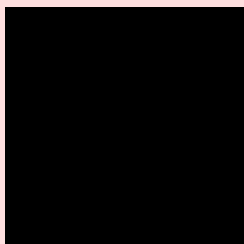
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

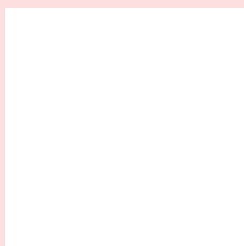
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.5800, 79.1739, 80.8471

Background



This preview shows how black text looks on a background with the XYZ color 80.5800, 79.1739, 80.8471.



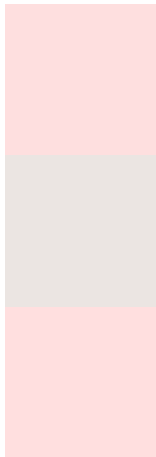
This preview shows how white text looks on a background with the XYZ color 80.5800, 79.1739,

80.8471.

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

80.5800, 79.1739, 80.8471

Protanopia

76.0077, 79.1918, 83.2310

Deuteranopia

80.9470, 79.3631, 80.8643



Tritanopia

82.5291, 79.1459, 91.8159

Trichromacy



Original Color

80.5800, 79.1739, 80.8471

Protanomaly

77.6776, 79.2517, 82.4372

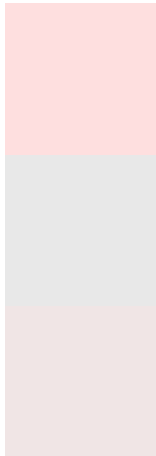
Deuteranomaly

80.9470, 79.3631, 80.8643

Tritanomaly

82.0693, 79.3857, 88.0883

Monochromacy



Original Color

80.5800, 79.1739, 80.8471

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

78.0973, 80.2210, 85.4968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.5800, 79.1739, 80.8471 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(254, 223, 223)` looks like.

```
.text, #text, p{  
    color:rgb(254, 223, 223)  
}
```

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(254, 223, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 223, 223) }
```

Border

The CSS property to change the border of an element to XYZ 80.5800, 79.1739, 80.8471 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(254, 223, 223) }
```


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

```
.border{ border-color:rgb(254, 223, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 223, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 223, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 223, 223);  
box-shadow:4px 4px 4px 4px rgb(254, 223,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 80.5800, 79.1739, 80.8471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 223, 223) }
```

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

```
.background{ background-color: rgb(254,  
223, 223) }
```

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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