

Converting Colors

XYZ(79.7817, 80.2633, 89.6349)

Have a look what the booklet for
XYZ(79.7817, 80.2633, 89.6349)
contains.

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Color

**XYZ(79.7727, 80.1694,
89.8670)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E3EB
RGB	244, 227, 235
RGB Percent	96%, 89%, 92%
CMY	0.0431, 0.1098, 0.0784
CMYK	0.00, 0.07, 0.04, 0.04
HSL	332°, 44%, 92%
HSV	332°, 7%, 96%
XYZ	79.7727, 80.1694, 89.8670
YIQ	232.9950, 7.5640, 6.0920

Conversions

Conversions Part 2

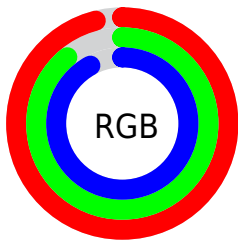
Format	Color
R _Y B	244, 227, 235
Decimal	16049131
CIE Lab	91.76, 7.15, -1.81
CIE LCh	92, 7.377, 345.797
Yxy	80.1694, 0.3193, 0.3209
Android (android.graphics.Color)	4294239211 (0xFF4E3EB)
YUV	232.9950, 0.9885, 9.6514
Hunter-Lab	89.5374, 2.3430, 3.1679

Details

The XYZ color **79.7727, 80.1694, 89.8670** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.1726, 87.0905, 91.9985**, and the grayscale version is **77.4391, 81.4720, 88.7230**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6282, 43.4511, 48.7353** is the 20% darker color. If you saturate the color by 10%, you get **71.7673, 67.0374, 78.3209**, and if you desaturate by 10%, it is **88.8641, 95.2540, 102.4460**.

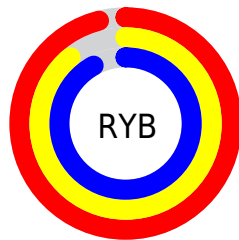
Distribution



Red (96%)

Green (89%)

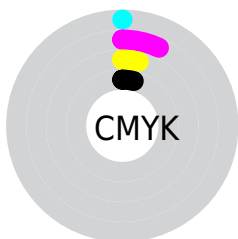
Blue (92%)



Red (96%)

Yellow (89%)

Blue (92%)

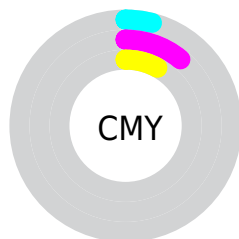


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (4%)



Cyan (4%)


Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.7727, 80.1694, 89.8670 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 79.7727, 80.1694, 89.8670 by changing the saturation by 10% instead.


 79.7727, 80.1694,
89.8670

 79.7727, 80.1694,
89.8670


482.9147,
495.5035, 548.1570

 59.8391, 59.8578,
67.2972


131.9983,
133.6039, 149.0875

 43.5380, 43.3040,
48.8631


165.0211,
167.4955, 186.5754

 30.5038, 30.1237,
34.1461


203.1377,
206.6826, 229.8731

 20.3713, 19.9325,
22.7276

246.7134,
251.5495, 279.3991

 12.7750, 12.3460,
14.1891

296.1136,
302.4807, 335.5719

 7.3497, 6.9798,
8.1120

351.7036,

 3.7300, 3.4495,

359.8605, 398.8102

4.0779

413.8489,
424.0733, 469.5324

■ 1.5506, 1.3706,
1.6682

■ 0.3599, 0.1949,
0.3388

■ 79.7727, 80.1694,
89.8670

■ 79.7727, 80.1694,
89.8670

■ 71.7673, 67.0374,
78.3209

■ 88.8641, 95.2540,
102.4460

■ 64.7984, 55.7673,
67.7743

■ 91.1187, 97.9734,
108.7160

■ 58.8232, 46.2767,
58.1993

■ 53.7929, 38.4730,
49.5644

■ 49.6542, 32.2549,
41.8363

■ 46.3484, 27.5103,
34.9792

■ 43.8095, 24.1122,
28.9539

■ 41.9599, 21.9118,
23.7169

■ 40.7017, 20.7191,
19.2168

Harmonies

Analogous

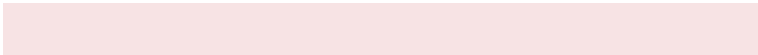
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.8310, 80.1694, 94.7428



79.7727, 80.1694, 89.8670



79.7458, 80.1694, 84.4908

Triad

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



79.7727, 80.1694, 89.8670



75.2145, 80.1694, 77.6631



73.6953, 80.1694, 94.9589

Complementary

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



79.7727, 80.1694, 89.8670



79.1726, 87.0905, 91.9985

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.



72.7582, 80.1694, 90.1521



79.7727, 80.1694, 89.8670



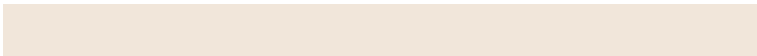
73.6255, 80.1694, 80.2403

Square

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



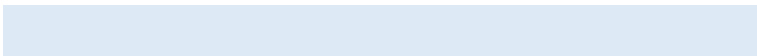
79.7727, 80.1694, 89.8670



77.0929, 80.1694, 77.5939



72.7329, 80.1694, 84.7644



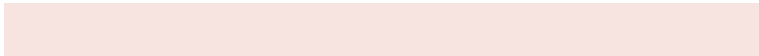
75.3113, 80.1694, 97.7638

Rectangle

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



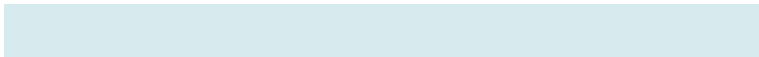
79.7727, 80.1694, 89.8670



79.1815, 80.1694, 81.3492



72.7329, 80.1694, 84.7644



73.2916, 80.1694, 93.5150

Sweetspot

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



79.7750, 80.1729, 89.8687



93.0127, 96.6164, 106.0909



78.3213, 79.2694, 96.7616



19.9299, 20.7153, 22.7374



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

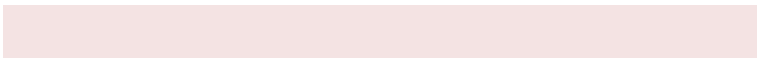
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7750, 80.1729, 89.8687



87.1931, 86.9915, 97.9406



78.7228, 79.8761, 83.9457



16.8237, 16.6123, 18.8179



22.0301, 11.1555, 10.1328



1.9877, 1.0010, 1.1617

Inverse Universe

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



79.7750, 80.1729, 89.8687



87.1931, 86.9915, 97.9406



80.2756, 87.3954, 98.2271



16.8237, 16.6123, 18.8179



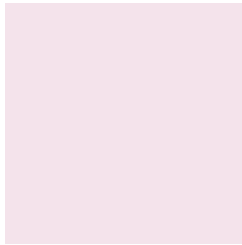
22.0301, 11.1555, 10.1328



1.9877, 1.0010, 1.1617

Previews

White Background



This preview shows how the XYZ color 79.7727, 80.1694, 89.8670 looks on a white background.

Color Contrast Check

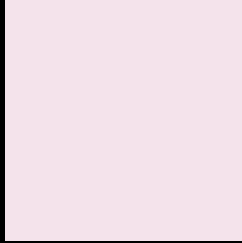
Large Text (above 18pt) WCAG AA × Fail

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 79.7727, 80.1694, 89.8670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

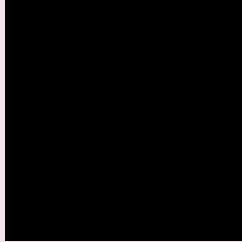
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.7727, 80.1694, 89.8670

Background



This preview shows how black text looks on a background with the XYZ color 79.7727, 80.1694, 89.8670.



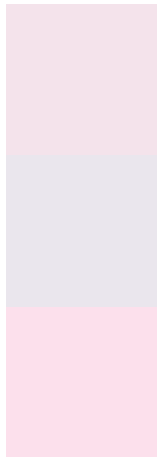
This preview shows how white text looks on a background with the XYZ color 79.7727, 80.1694,

89.8670.

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

79.7727, 80.1694, 89.8670

Protanopia

77.5146, 80.2005, 91.5155

Deuteranopia

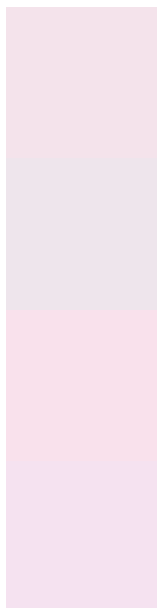
81.9409, 80.0629, 90.4918



Tritanopia

81.0302, 80.2763, 96.0181

Trichromacy



Original Color

79.7727, 80.1694, 89.8670

Protanomaly

78.4195, 80.2719, 90.7178

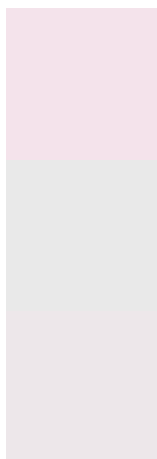
Deuteranomaly

81.1325, 80.0463, 90.5312

Tritanomaly

80.5807, 80.0965, 93.6512

Monochromacy



Original Color

79.7727, 80.1694, 89.8670

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.3522, 81.0969, 89.3656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7727, 80.1694, 89.8670 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(244, 227, 235) looks like.

```
.text, #text, p{  
    color:rgb(244, 227, 235)  
}
```

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(244, 227, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 227, 235) }
```

Border

The CSS property to change the border of an element to XYZ 79.7727, 80.1694, 89.8670 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(244, 227, 235) }
```


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

```
.border{ border-color:rgb(244, 227, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 227, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 227, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 227, 235);  
box-shadow:4px 4px 4px 4px rgb(244, 227,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7727, 80.1694, 89.8670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 227, 235) }
```

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

```
.background{ background-color: rgb(244,  
227, 235) }
```

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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