

Converting Colors

XYZ(96.8383, 88.4629, 74.2878)

Have a look what the booklet for
XYZ(96.8383, 88.4629, 74.2878)
contains.

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Color

**XYZ(80.0489, 79.8639,
73.4836)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1D4
RGB	255, 225, 212
RGB Percent	100%, 88%, 83%
CMY	0.0000, 0.1176, 0.1686
CMYK	0.00, 0.12, 0.17, 0.00
HSL	18°, 100%, 92%
HSV	18°, 17%, 100%
XYZ	80.0489, 79.8639, 73.4836
YIQ	232.4880, 22.0530, 2.3170

Conversions

Conversions Part 2

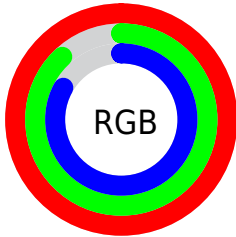
Format	Color
R _Y B	255, 231, 212
Decimal	16769492
CIE Lab	91.62, 8.29, 10.13
CIE LCh	92, 13.085, 50.710
Yxy	79.8639, 0.3430, 0.3422
Android (android.graphics.Color)	4294959572 (0xFFFFE1D4)
YUV	232.4880, -10.1006, 19.7430
Hunter-Lab	89.3666, 3.4973, 13.8042

Details

The XYZ color **80.0489, 79.8639, 73.4836** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.9527, 84.7189, 106.9043**, and the grayscale version is **77.1309, 81.1477, 88.3698**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7492, 43.1895, 37.9289** is the 20% darker color. If you saturate the color by 10%, you get **72.5222, 69.5581, 56.3382**, and if you desaturate by 10%, it is **88.5884, 91.3817, 93.4749**.

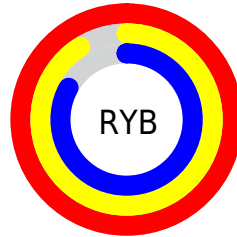
Distribution



Red (100%)

Green (88%)

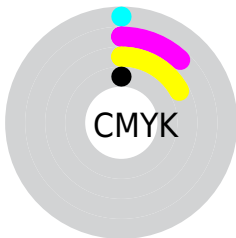
Blue (83%)



Red (100%)

Yellow (91%)

Blue (83%)

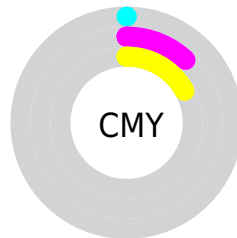


Cyan (0%)

Magenta (12%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.0489, 79.8639, 73.4836 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 80.0489, 79.8639, 73.4836 by changing the saturation by 10% instead.

 80.0489, 79.8639,
73.4836

 80.0489, 79.8639,
73.4836


483.8316,
494.4741, 491.8048

 60.0672, 59.6064,
53.8773


132.3846,
133.1744, 125.8908

 43.7225, 43.1014,
38.1110


165.4694,
166.9961, 159.5287

 30.6494, 29.9647,
25.7664


203.6525,
206.1080, 198.6809

 20.4825, 19.8118,
16.4247

247.2994,
250.8945, 243.7659

 12.8566, 12.2583,
9.6676

296.7754,
301.7399, 295.2022

 7.4062, 6.9199,
5.0764

352.4459,

 3.7660, 3.4120,

359.0287, 353.4085

2.2327

414.6762,
423.1453, 418.8032

■ 1.5706, 1.3504,
0.6931

■ 0.3731, 0.1798,
0.0000

■ 80.0489, 79.8639,
73.4836

■ 80.0489, 79.8639,
73.4836

■ 72.5222, 69.5581,
56.3382

■ 88.5884, 91.3817,
93.4749

■ 65.9636, 60.4140,
41.9034

95.0500, 100.0000,
108.9000

■ 60.3333, 52.3928,
30.0402

■ 55.5863, 45.4493,
20.5952

■ 51.6736, 39.5353,
13.3985

■ 48.5409, 34.5987,
8.2577

■ 46.1261, 30.5817,
4.9477

■ 44.3545, 27.4189,
3.1844

■ 43.9025, 26.5849,
2.8175

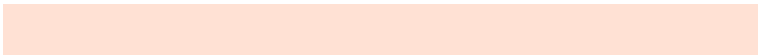
Harmonies

Analogous

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



82.0764, 79.8639, 80.6137



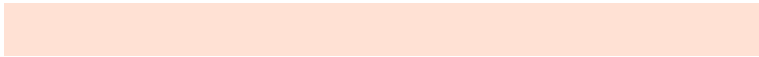
80.0489, 79.8639, 73.4836



76.9499, 79.8639, 70.0377

Triad

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



80.0489, 79.8639, 73.4836



69.7440, 79.8639, 84.0221



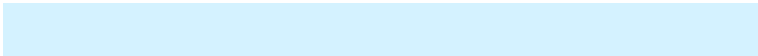
78.2025, 79.8639, 105.3254

Complementary

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



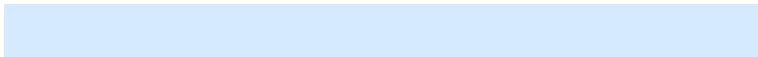
80.0489, 79.8639, 73.4836



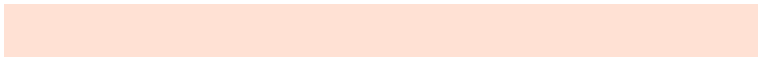
76.9527, 84.7189, 106.9043

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.



74.8760, 79.8639, 106.4056



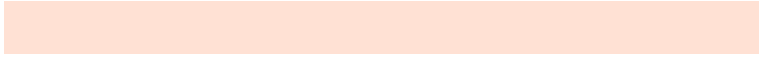
80.0489, 79.8639, 73.4836



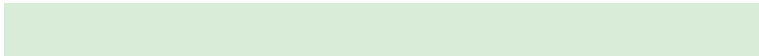
70.0571, 79.8639, 93.6272

Square

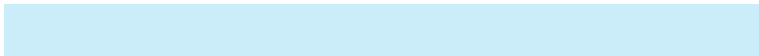
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.0489, 79.8639, 73.4836



71.0447, 79.8639, 75.8214



71.9129, 79.8639, 101.9869



80.9889, 79.8639, 99.1354

Rectangle

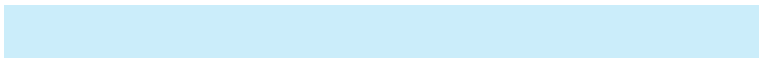
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.0489, 79.8639, 73.4836



74.7208, 79.8639, 70.1062



71.9129, 79.8639, 101.9869



77.1082, 79.8639, 106.3151

Sweetspot

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



80.0508, 79.8673, 73.4853



90.2927, 93.6620, 97.5210



80.8260, 74.7647, 94.2546



19.1878, 19.8622, 20.5441



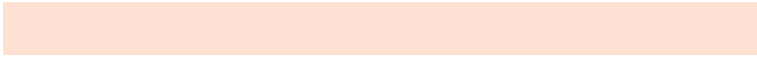
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



80.0508, 79.8673, 73.4853



77.5815, 76.5045, 67.8046



86.2015, 92.1689, 75.5355



18.4572, 18.8827, 18.8162



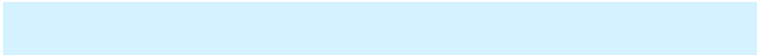
23.0539, 14.1190, 1.5102



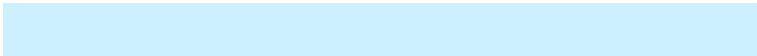
2.3358, 1.5569, 0.1774

Inverse Universe

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



76.9527, 84.7189, 106.9043



73.9871, 82.1279, 106.5605



70.9532, 72.7199, 104.9045



18.0639, 19.4995, 23.0617



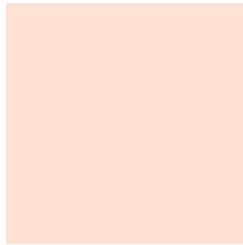
17.8750, 20.6596, 52.4802



1.8366, 2.2039, 5.1419

Previews

White Background



This preview shows how the XYZ color 80.0489, 79.8639, 73.4836 looks on a white background.

Color Contrast Check

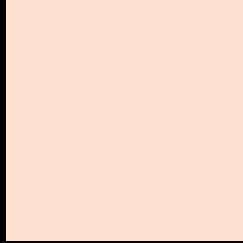
Large Text (above 18pt) WCAG AA × Fail

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 80.0489, 79.8639, 73.4836 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 80.0489, 79.8639, 73.4836

Background



This preview shows how black text looks on a background with the XYZ color 80.0489, 79.8639, 73.4836.

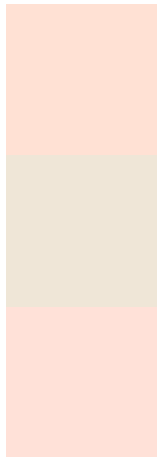


This preview shows how white text looks on a background with the XYZ color 80.0489, 79.8639,

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

80.0489, 79.8639, 73.4836

Protanopia

76.1592, 79.8506, 75.6887

Deuteranopia

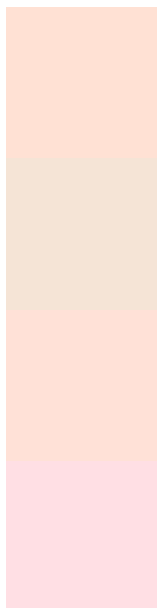
80.5599, 80.0683, 76.1745



Tritanopia

82.6473, 79.6170, 91.1324

Trichromacy



Original Color

80.0489, 79.8639, 73.4836

Protanomaly

77.5372, 79.7543, 74.9258

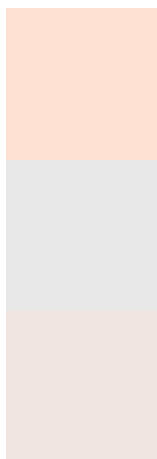
Deuteranomaly

80.4310, 80.0167, 75.4956

Tritanomaly

81.6313, 79.6368, 84.4678

Monochromacy



Original Color

80.0489, 79.8639, 73.4836

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.5451, 80.0001, 82.5887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0489, 79.8639, 73.4836 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, 225, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 212)  
}
```

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, 225, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 212) }
```

Border

The CSS property to change the border of an element to XYZ 80.0489, 79.8639, 73.4836 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, 225, 212) }
```


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

```
.border{ border-color:rgb(255, 225, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0489, 79.8639, 73.4836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 212) }
```

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

```
.background{ background-color: rgb(255,  
225, 212) }
```

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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