

Converting Colors

XYZ(82.8258, 80.6154, 77.4075)

Have a look what the booklet for
XYZ(82.8258, 80.6154, 77.4075)
contains.

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Color

**XYZ(80.5505, 79.6333,
77.4550)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0DA
RGB	255, 224, 218
RGB Percent	100%, 88%, 85%
CMY	0.0000, 0.1215, 0.1451
CMYK	0.00, 0.12, 0.15, 0.00
HSL	10°, 100%, 93%
HSV	10°, 15%, 100%
XYZ	80.5505, 79.6333, 77.4550
YIQ	232.5850, 20.4020, 4.7060

Conversions

Conversions Part 2

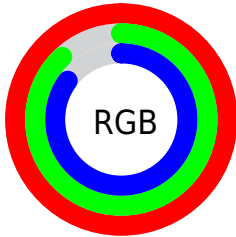
Format	Color
R_{YB}	255, 225, 218
Decimal	16769242
CIE Lab	91.52, 9.72, 6.84
CIE LCh	92, 11.885, 35.155
Yxy	79.6333, 0.3390, 0.3351
Android (android.graphics.Color)	4294959322 (0xFFFFE0DA)
YUV	232.5850, -7.1904, 19.6580
Hunter-Lab	89.2375, 4.9580, 11.0046

Details

The XYZ color **80.5505, 79.6333, 77.4550** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.8382, 89.8742, 107.6946**, and the grayscale version is **77.1835, 81.2030, 88.4301**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.0875, 43.0260, 40.6315** is the 20% darker color. If you saturate the color by 10%, you get **72.0823, 67.6323, 59.4163**, and if you desaturate by 10%, it is **90.2573, 93.2890, 98.4413**.

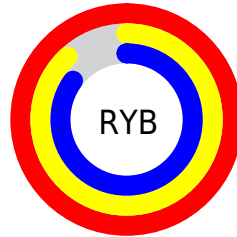
Distribution



Red (100%)

Green (88%)

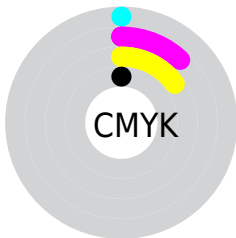
Blue (85%)



Red (100%)

Yellow (88%)

Blue (85%)

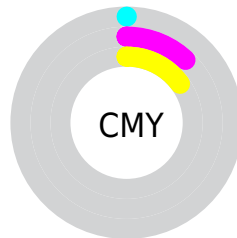


Cyan (0%)

Magenta (12%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (12%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.5505, 79.6333, 77.4550 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 80.5505, 79.6333, 77.4550 by changing the saturation by 10% instead.

 80.5505, 79.6333,
77.4550

 80.5505, 79.6333,
77.4550


485.4944,
493.6962, 505.7928

 60.4815, 59.4166,
57.1126


133.0859,
132.8500, 131.5604

 44.0578, 42.9486,
40.6857

166.2830,
166.6189, 166.1605

 30.9140, 29.8448,
27.7557


204.5868,
205.6740, 206.3503

 20.6849, 19.7208,
17.9042

248.3627,
250.3997, 252.5483

 13.0050, 12.1923,
10.7125

297.9761,
301.1803, 305.1729

 7.5090, 6.8748,
5.7621

353.7923,

 3.8316, 3.3839,

358.4004, 364.6429

2.6345

416.1766,
422.4442, 431.3766

■ 1.6073, 1.3353,
0.9102

■ 0.3972, 0.1683,
0.0000

■ 80.5505, 79.6333,
77.4550

■ 80.5505, 79.6333,
77.4550

■ 72.0823, 67.6323,
59.4163

■ 90.2573, 93.2890,
98.4413

■ 64.7967, 57.2132,
44.1881

95.0500, 100.0000,
108.9000

■ 58.6424, 48.3126,
31.6299

■ 53.5616, 40.8591,
21.5871

■ 49.4914, 34.7757,
13.8891

■ 46.3622, 29.9778,
8.3440

■ 44.0952, 26.3712,
4.7294

■ 42.5976, 23.8484,
2.7736

■ 42.0463, 22.8726,
2.1988

Harmonies

Analogous

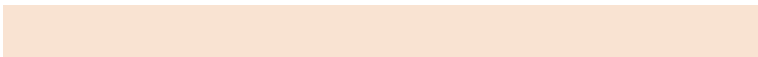
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.6379, 79.6333, 85.2174



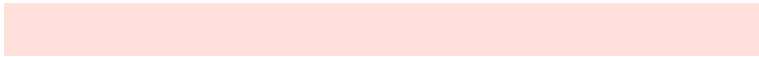
80.5505, 79.6333, 77.4550



78.1622, 79.6333, 72.4372

Triad

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



80.5505, 79.6333, 77.4550



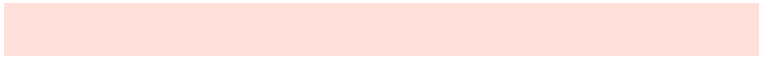
70.5270, 79.6333, 79.8871



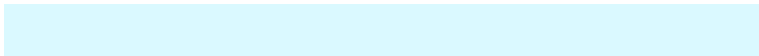
76.2134, 79.6333, 104.3995

Complementary

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



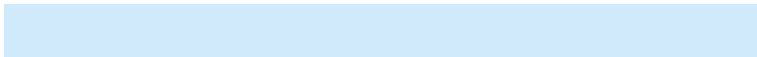
80.5505, 79.6333, 77.4550



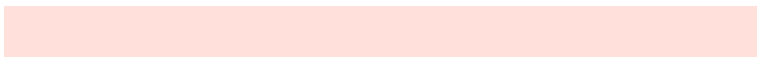
80.8382, 89.8742, 107.6946

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.



73.2687, 79.6333, 102.7378



80.5505, 79.6333, 77.4550



70.0364, 79.6333, 88.2141

Square

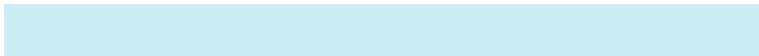
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.5505, 79.6333, 77.4550



72.3855, 79.6333, 73.7744



71.0273, 79.6333, 96.6682



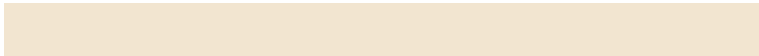
79.0916, 79.6333, 101.0692

Rectangle

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



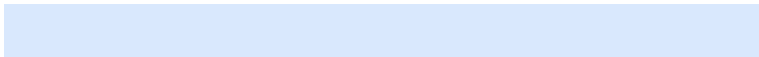
80.5505, 79.6333, 77.4550



76.1820, 79.6333, 71.1289



71.0273, 79.6333, 96.6682



75.1983, 79.6333, 104.4084

Sweetspot

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



80.5525, 79.6367, 77.4567



90.7854, 94.0293, 99.5908



83.4811, 78.2714, 100.6991



19.2651, 19.8924, 20.9536



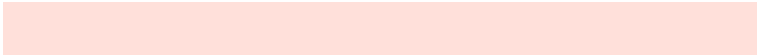
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



80.5525, 79.6367, 77.4567



78.3291, 76.4949, 72.6927



85.6623, 89.8564, 79.1600



18.2474, 18.4631, 18.7463



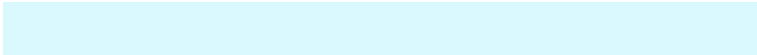
22.0398, 12.0908, 1.1721



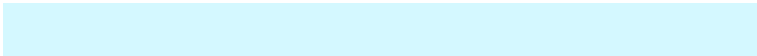
2.2104, 1.3062, 0.1356

Inverse Universe

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



80.8382, 89.8742, 107.6946



78.6571, 88.2781, 107.5014



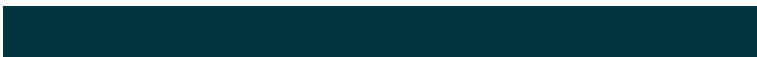
75.5262, 79.2501, 105.9239



18.2891, 19.9498, 23.1367



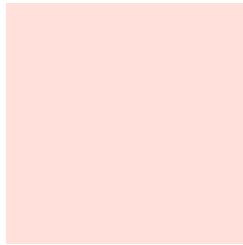
22.0390, 28.9875, 53.8682



2.2099, 2.9505, 5.2663

Previews

White Background



This preview shows how the XYZ color 80.5505, 79.6333, 77.4550 looks on a white background.

Color Contrast Check

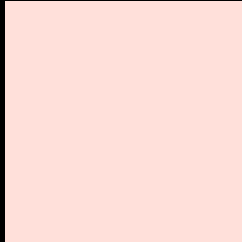
Large Text (above 18pt) WCAG AA × Fail

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 80.5505, 79.6333, 77.4550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

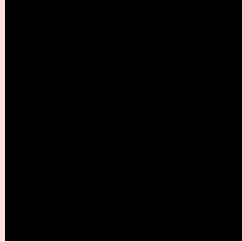
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.5505, 79.6333, 77.4550

Background



This preview shows how black text looks on a background with the XYZ color 80.5505, 79.6333, 77.4550.



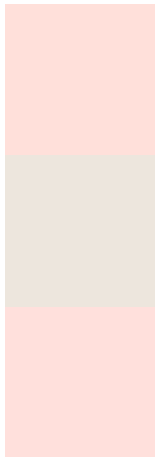
This preview shows how white text looks on a background with the XYZ color 80.5505, 79.6333,

77.4550.

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

80.5505, 79.6333, 77.4550

Protanopia

76.2730, 79.8186, 79.7931

Deuteranopia

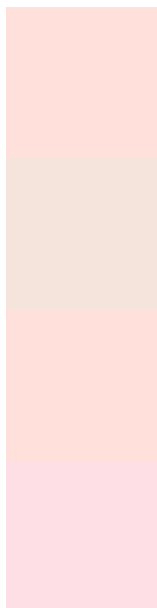
80.8139, 79.7386, 78.8419



Tritanopia

82.6473, 79.6170, 91.1324

Trichromacy



Original Color

80.5505, 79.6333, 77.4550

Protanomaly

77.9699, 79.8872, 79.0205

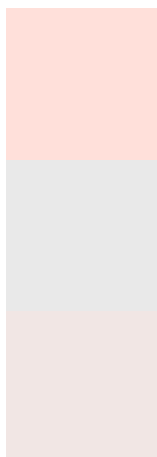
Deuteranomaly

80.6818, 79.6858, 78.1463

Tritanomaly

81.9106, 79.7485, 85.9388

Monochromacy



Original Color

80.5505, 79.6333, 77.4550

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.5760, 80.8958, 84.8718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.5505, 79.6333, 77.4550 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, 224, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 218)  
}
```

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, 224, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 218) }
```

Border

The CSS property to change the border of an element to XYZ 80.5505, 79.6333, 77.4550 is called "border". The border property can be set on classes, ids or directly on the HTML element.

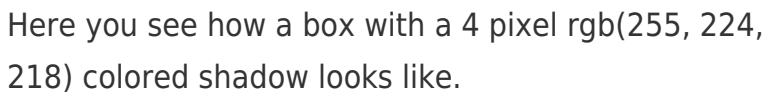
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 224, 218) }
```


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

```
.border{ border-color:rgb(255, 224, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 224, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 224, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 224, 218); box-shadow:4px 4px 4px 4px rgb(255, 224, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 80.5505, 79.6333, 77.4550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 218) }
```

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

```
.background{ background-color: rgb(255,  
224, 218) }
```

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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