

Converting Colors

XYZ(117.7693, 100.4401,
66.9631)

Have a look what the booklet for
XYZ(117.7693, 100.4401, 66.9631)
contains.

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Color

**XYZ(79.0179, 80.3217,
65.3718)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3C7
RGB	255, 227, 199
RGB Percent	100%, 89%, 78%
CMY	0.0000, 0.1098, 0.2196
CMYK	0.00, 0.11, 0.22, 0.00
HSL	30°, 100%, 89%
HSV	30°, 22%, 100%
XYZ	79.0179, 80.3217, 65.3718
YIQ	232.1800, 25.6760, -2.7720

Conversions

Conversions Part 2

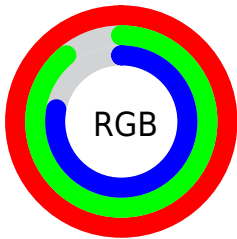
Format	Color
R_{YB}	255, 255, 199
Decimal	16769991
CIE _{Lab}	91.83, 5.37, 17.19
CIE _{LCh}	92, 18.007, 72.665
Yxy	80.3217, 0.3516, 0.3574
Android (android.graphics.Color)	4294960071 (0xFFFFE3C7)
YUV	232.1800, -16.3577, 20.0131
Hunter-Lab	89.6224, 0.5400, 19.4887

Details

The XYZ color **79.0179, 80.3217, 65.3718** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **69.0715, 74.2981, 105.3082**, and the grayscale version is **76.9434, 80.9504, 88.1550**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1521, 43.5551, 32.9207** is the 20% darker color. If you saturate the color by 10%, you get **72.9436, 72.5208, 49.9436**, and if you desaturate by 10%, it is **85.8504, 88.8444, 83.5023**.

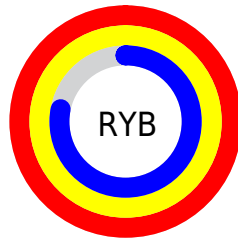
Distribution



Red (100%)

Green (89%)

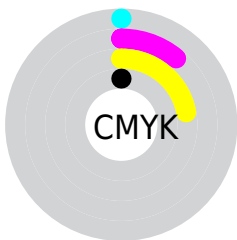
Blue (78%)



Red (100%)

Yellow (100%)

Blue (78%)

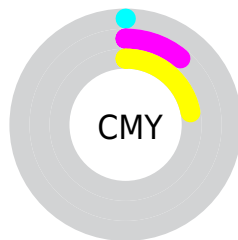


Cyan (0%)

Magenta (11%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.0179, 80.3217, 65.3718 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 79.0179, 80.3217, 65.3718 by changing the saturation by 10% instead.


 79.0179, 80.3217,
65.3718

 79.0179, 80.3217,
65.3718


480.4040,
496.0163, 462.4696

 59.2162, 59.9831,
47.3094


130.9419,
133.8179, 114.2026

 43.0342, 43.4050,
32.9242


163.7948,
167.7444, 145.8081

 30.1066, 30.2030,
21.7977


201.7289,
206.9689, 182.7649

 20.0680, 19.9927,
13.5115

245.1095,
251.8759, 225.4918

 12.5530, 12.3898,
7.6468

294.3020,
302.8497, 274.4071

 7.1964, 7.0097,
3.7853

349.6716,

 3.6326, 3.4682,

360.2748, 329.9295

1.5083

411.5839,
424.5355, 392.4775

■ 1.4965, 1.3808,
0.2241

■ 0.3234, 0.2025,
0.0000

■ 79.0179, 80.3217,
65.3718

■ 79.0179, 80.3217,
65.3718

■ 72.9436, 72.5208,
49.9436

■ 85.8504, 88.8444,
83.5023

■ 67.5915, 65.4102,
37.0807

■ 93.4637, 98.0984,
104.4528

■ 62.9308, 58.9712,
26.6416

■ 95.0500, 100.0000,
108.9000

■ 58.9262, 53.1801,
18.4687

■ 55.5384, 48.0113,
12.3859

■ 52.7229, 43.4366,
8.1903

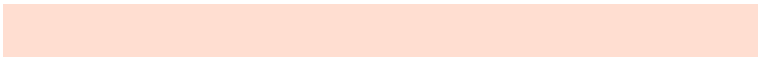
■ 50.4268, 39.4243,
5.6374

■ 48.8973, 36.5746,
4.4824

Harmonies

Analogous

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



83.0559, 80.3217, 71.3398



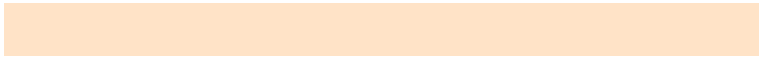
79.0179, 80.3217, 65.3718



74.4143, 80.3217, 64.9314

Triad

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



79.0179, 80.3217, 65.3718



68.0089, 80.3217, 93.1477



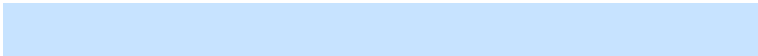
82.5163, 80.3217, 107.5060

Complementary

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



79.0179, 80.3217, 65.3718



69.0715, 74.2981, 105.3082

Split Complementary

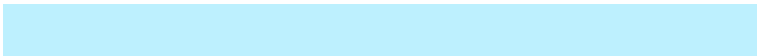
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.3055, 80.3217, 114.6683



79.0179, 80.3217, 65.3718



70.0026, 80.3217, 105.8347

Square

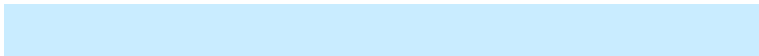
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0179, 80.3217, 65.3718



68.1823, 80.3217, 80.1012



73.7299, 80.3217, 114.0275



85.1309, 80.3217, 95.2492

Rectangle

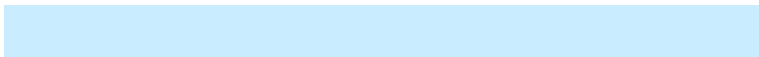
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0179, 80.3217, 65.3718



71.6535, 80.3217, 67.7601



73.7299, 80.3217, 114.0275



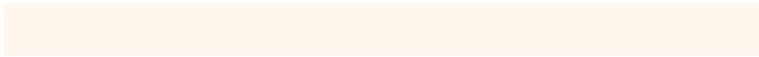
81.2335, 80.3217, 110.6421

Sweetspot

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



79.0198, 80.3252, 65.3735



89.5271, 93.3414, 93.5338



75.5291, 67.6538, 81.7514



19.0645, 19.8597, 19.7507



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.



79.0198, 80.3252, 65.3735



76.4759, 77.0874, 58.8222



87.3090, 96.9036, 68.1365



18.7599, 19.4880, 18.9171



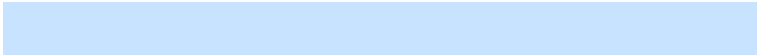
25.6992, 19.4096, 2.3919



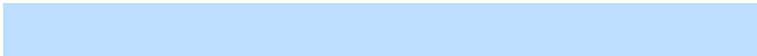
2.6114, 2.1083, 0.2693

Inverse Universe

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



69.0715, 74.2981, 105.3082



65.0417, 70.1600, 104.7219



62.0275, 60.2101, 102.9602



17.7533, 18.8781, 22.9581



13.5786, 12.0667, 51.0480



1.4313, 1.3933, 5.0068

Previews

White Background



This preview shows how the XYZ color 79.0179, 80.3217, 65.3718 looks on a white background.

Color Contrast Check

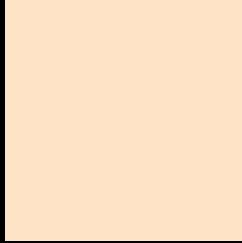
Large Text (above 18pt) WCAG AA × Fail

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 79.0179, 80.3217, 65.3718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

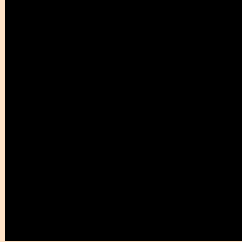
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.0179, 80.3217, 65.3718

Background



This preview shows how black text looks on a background with the XYZ color 79.0179, 80.3217, 65.3718.



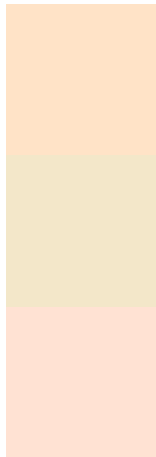
This preview shows how white text looks on a background with the XYZ color 79.0179, 80.3217,

65.3718.

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

79.0179, 80.3217, 65.3718

Protanopia

76.0807, 80.4236, 66.7718

Deuteranopia

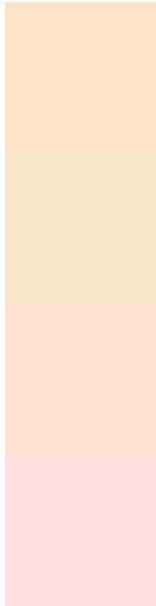
80.1942, 80.3559, 72.9116



Tritanopia

82.9137, 80.1498, 91.2212

Trichromacy



Original Color

79.0179, 80.3217, 65.3718

Protanomaly

77.0799, 80.5379, 66.1264

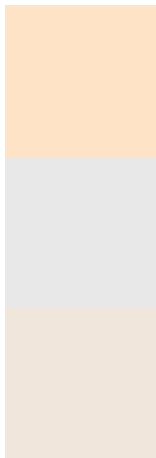
Deuteranomaly

79.6988, 80.1577, 70.3029

Tritanomaly

81.2149, 79.8990, 80.9536

Monochromacy



Original Color

79.0179, 80.3217, 65.3718

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.1503, 80.2862, 79.1407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0179, 80.3217, 65.3718 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, 227, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 199)  
}
```

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, 227, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 199) }
```

Border

The CSS property to change the border of an element to XYZ 79.0179, 80.3217, 65.3718 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, 227, 199) }
```


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

```
.border{ border-color:rgb(255, 227, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 227, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 227, 199); box-shadow:4px 4px 4px 4px rgb(255, 227, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0179, 80.3217, 65.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 199) }
```

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

```
.background{ background-color: rgb(255,  
227, 199) }
```

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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