

Converting Colors

XYZ(67.0390, 65.1202, 80.9422)

Have a look what the booklet for
XYZ(67.0390, 65.1202, 80.9422)
contains.

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Color

**XYZ(66.9989, 65.0076,
80.9680)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E3CCE2 |
| RGB | 227, 204, 226 |
| RGB Percent | 89%, 80%, 89% |
| CMY | 0.1098, 0.2000, 0.1137 |
| CMYK | 0.00, 0.10, 0.00, 0.11 |
| HSL | 303°, 29%, 85% |
| HSV | 303°, 10%, 89% |
| XYZ | 66.9989, 65.0076, 80.9680 |
| YIQ | 213.3850, 6.6460, 11.7180 |

Conversions

Conversions Part 2

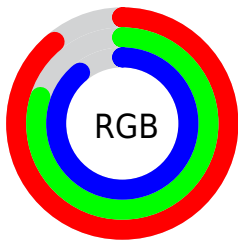
| Format | Color |
|-------------------------------------|--|
| RYB | 227, 204, 226 |
| Decimal | 14929122 |
| CIELab | 84.49, 11.85, -7.94 |
| CIELCh | 84, 14.264, 326.172 |
| Yxy | 65.0076, 0.3146, 0.3052 |
| Android (android.graphics.Color) | 4293119202 (0xFFE3CCE2) |
| YUV | 213.3850, 6.2192, 11.9404 |
| Hunter-Lab | 80.6273, 7.2305, -3.1014 |

Details

The XYZ color **66.9989, 65.0076, 80.9680** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.3929, 72.1852, 68.3530**, and the grayscale version is **63.4617, 66.7666, 72.7089**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2703, 33.5236, 43.1398** is the 20% darker color. If you saturate the color by 10%, you get **61.8575, 54.9401, 78.5884**, and if you desaturate by 10%, it is **72.9312, 76.6537, 83.6166**.

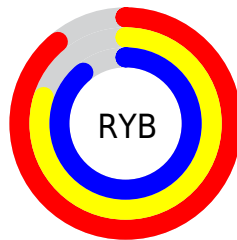
Distribution



Red (89%)

Green (80%)

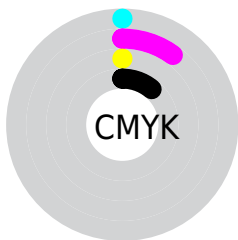
Blue (89%)



Red (89%)

Yellow (80%)

Blue (89%)

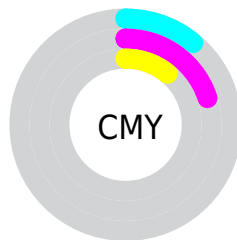


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (20%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9989, 65.0076, 80.9680 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 66.9989, 65.0076, 80.9680 by changing the saturation by 10% instead.

66.9989, 65.0076,
80.9680

66.9989, 65.0076,
80.9680

439.3734,
442.8193, 517.9816

49.3544, 47.4672,
59.9844

113.9686,
112.0608, 136.5495

35.1164, 33.4052,
42.9808

144.0246,
142.3424, 171.9845

23.9195, 22.4370,
29.5388

178.9485,
177.6399, 213.0737

15.3983, 14.1784,
19.2397

219.1056,
218.3377, 260.2356

9.1875, 8.2448,
11.6651

264.8613,
264.8201, 313.8888

4.9218, 4.2520,
6.3963

316.5809,

2.2357, 1.8155,

317.4716, 374.4519

3.0148

374.6298,
376.6765, 442.3433

■ 0.7615, 0.4968,
1.1022

■ 0.0000, 0.0000,
0.0000

■ 66.9989, 65.0076,
80.9680

■ 66.9989, 65.0076,
80.9680

■ 61.8575, 54.9401,
78.5884

■ 72.9312, 76.6537,
83.6166

■ 57.4675, 46.3750,
76.4624

■ 79.6805, 89.9336,
86.5406


■ 53.7944, 39.2425,
74.5791


■ 81.5768, 93.5062,
87.8509


■ 50.7988, 33.4638,
72.9255


■ 81.7150, 93.5615,
88.5790


 48.4377, 28.9528,
71.4873


 81.8541, 93.6172,
89.3112


 46.6629, 25.6132,
70.2482


 81.9939, 93.6731,
90.0476


 45.4194, 23.3351,
69.1902

 82.1346, 93.7294,
90.7881

 44.6421, 21.9879,
68.2913

 82.2760, 93.7859,
91.5327

 44.2201, 21.3476,
67.5229

 82.4182, 93.8428,
92.2816

Harmonies

Analogous

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



64.5196, 65.0076, 87.6607



66.9989, 65.0076, 80.9680



68.0811, 65.0076, 71.9559

Triad

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



66.9989, 65.0076, 80.9680



62.1962, 65.0076, 54.7320



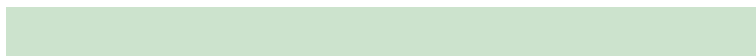
56.4694, 65.0076, 78.7768

Complementary

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



66.9989, 65.0076, 80.9680



63.3929, 72.1852, 68.3530

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.



55.8948, 65.0076, 69.6214



66.9989, 65.0076, 80.9680



59.1342, 65.0076, 56.2225

Square

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



66.9989, 65.0076, 80.9680



65.2489, 65.0076, 57.2296



56.8541, 65.0076, 61.4887



58.4513, 65.0076, 86.3215

Rectangle

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



66.9989, 65.0076, 80.9680



67.8382, 65.0076, 66.0237



56.8541, 65.0076, 61.4887



56.1083, 65.0076, 75.7641

Sweetspot

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



67.0008, 65.0104, 80.9694



92.6044, 95.1944, 107.8207



60.5734, 61.6810, 81.3872



19.6847, 20.1076, 23.0175



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.



67.0008, 65.0104, 80.9694



85.8397, 81.9211, 104.7764



65.5051, 64.4121, 73.0931



14.9666, 14.6038, 18.0246



25.8006, 12.4545, 39.4405



1.9150, 0.9237, 2.9590

Inverse Universe

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



67.0008, 65.0104, 80.9694



85.8397, 81.9211, 104.7764



64.8024, 72.7490, 75.7754



14.9666, 14.6038, 18.0246



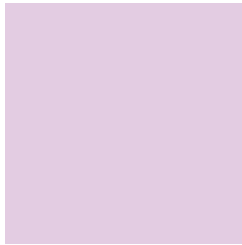
25.8006, 12.4545, 39.4405



1.9150, 0.9237, 2.9590

Previews

White Background



This preview shows how the XYZ color 66.9989, 65.0076, 80.9680 looks on a white background.

Color Contrast Check

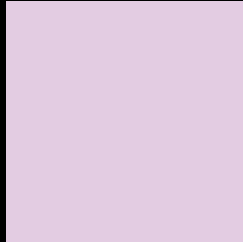
Large Text (above 18pt) WCAG AA × Fail

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 66.9989, 65.0076, 80.9680 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 66.9989, 65.0076, 80.9680

Background



This preview shows how black text looks on a background with the XYZ color 66.9989, 65.0076, 80.9680.



This preview shows how white text looks on a background with the XYZ color 66.9989, 65.0076,

80.9680.

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

66.9989, 65.0076, 80.9680

Protanopia

63.4839, 65.3056, 83.3880

Deuteranopia

66.6101, 65.1612, 81.0181



Tritanopia

66.2465, 65.0519, 77.4713

Trichromacy



Original Color

66.9989, 65.0076, 80.9680

Protanomaly

64.8784, 65.3121, 82.5858

Deuteranomaly

66.9228, 65.3224, 81.0328

Tritanomaly

66.5146, 65.1591, 78.8833

Monochromacy



Original Color

66.9989, 65.0076, 80.9680

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.6149, 66.0606, 75.6751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9989, 65.0076, 80.9680 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(227, 204, 226)` looks like.

```
.text, #text, p{  
    color:rgb(227, 204, 226)  
}
```

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(227, 204, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 204, 226) }
```

Border

The CSS property to change the border of an element to XYZ 66.9989, 65.0076, 80.9680 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(227, 204, 226) }
```


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

```
.border{ border-color:rgb(227, 204, 226) }
```

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

Here you see how a box with a 4 pixel rgb(227, 204, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 204, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 204, 226);  
box-shadow:4px 4px 4px 4px rgb(227, 204,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9989, 65.0076, 80.9680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 204, 226) }
```

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

```
.background{ background-color: rgb(227,  
204, 226) }
```

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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