

Converting Colors

XYZ(68.2500, 69.1204, 80.4279)

Have a look what the booklet for
XYZ(68.2500, 69.1204, 80.4279)
contains.

XYZ(67.9893, 68.8176, 80.2207)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.9893, 68.8176,
80.2207)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D5E0
RGB	224, 213, 224
RGB Percent	88%, 84%, 88%
CMY	0.1216, 0.1647, 0.1216
CMYK	0.00, 0.05, 0.00, 0.12
HSL	300°, 15%, 86%
HSV	300°, 5%, 88%
XYZ	67.9893, 68.8176, 80.2207
YIQ	217.5430, 3.0250, 5.7530

Conversions

Conversions Part 2

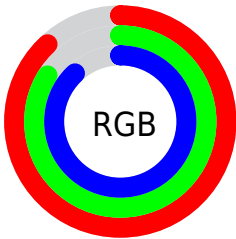
Format	Color
R _Y B	224, 213, 224
Decimal	14734816
CIE Lab	86.41, 5.73, -4.06
CIE LCh	86, 7.023, 324.672
Yxy	68.8176, 0.3133, 0.3171
Android (android.graphics.Color)	4292924896 (0xFFE0D5E0)
YUV	217.5430, 3.1833, 5.6628
Hunter-Lab	82.9564, 1.1212, 0.7347

Details

The XYZ color **67.9893, 68.8176, 80.2207** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.1091, 72.2635, 73.4183**, and the grayscale version is **66.3050, 69.7581, 75.9665**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.7505, 35.7533, 42.5529** is the 20% darker color. If you saturate the color by 10%, you get **62.7404, 58.3190, 78.4716**, and if you desaturate by 10%, it is **74.0203, 80.8785, 82.2322**.

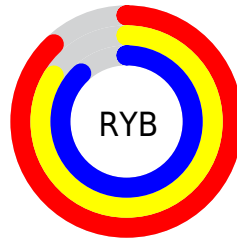
Distribution



Red (88%)

Green (84%)

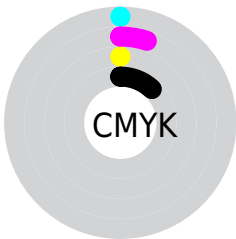
Blue (88%)



Red (88%)

Yellow (84%)

Blue (88%)

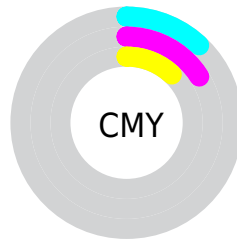


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.9893, 68.8176, 80.2207 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 67.9893, 68.8176, 80.2207 by changing the saturation by 10% instead.

67.9893, 68.8176,
80.2207

67.9893, 68.8176,
80.2207

442.8354,
456.3874, 515.4027

50.1627, 50.5632,
59.3727

115.3788,
117.5210, 135.4902

35.7610, 35.8611,
42.4913

145.6724,
148.7388, 170.7488

24.4189, 24.3269,
29.1577

180.8524,
185.0465, 211.6480

15.7711, 15.5763,
18.9536

221.2842,
226.8285, 258.6065

9.4521, 9.2248,
11.4603

267.3330,
274.4692, 312.0426

5.0967, 4.8881,
6.2593

319.3642,

2.3395, 2.1818,

328.3530, 372.3750

2.9320

377.7432,
388.8642, 440.0221

■ 0.8147, 0.7100,
1.0600

■ 0.0000, 0.0000,
0.0000

■ 67.9893, 68.8176,
80.2207

■ 67.9893, 68.8176,
80.2207

■ 62.7404, 58.3190,
78.4716

■ 74.0203, 80.8785,
82.2322

■ 58.2361, 49.3104,
76.9698

■ 79.9559, 92.7495,
84.2110

■ 54.4443, 41.7270,
75.7056

■ 79.9559, 92.7495,
84.2114

■ 51.3287, 35.4958,
74.6667

■ 79.9560, 92.7496,
84.2117

48.8495, 30.5375,
73.8400

79.9560, 92.7496,
84.2121

46.9629, 26.7643,
73.2108

79.9561, 92.7496,
84.2124

45.6194, 24.0774,
72.7626

79.9562, 92.7496,
84.2127

44.7616, 22.3621,
72.4764

79.9562, 92.7497,
84.2131

44.3195, 21.4779,
72.3287

79.9563, 92.7497,
84.2134

Harmonies

Analogous

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



66.7209, 68.8176, 83.3526



67.9893, 68.8176, 80.2207



68.5670, 68.8176, 75.7640

Triad

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



67.9893, 68.8176, 80.2207



65.6994, 68.8176, 66.3762



62.6129, 68.8176, 78.7251

Complementary

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



67.9893, 68.8176, 80.2207



66.1091, 72.2635, 73.4183

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.



62.3496, 68.8176, 74.1035



67.9893, 68.8176, 80.2207



64.1145, 68.8176, 67.0960

Square

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



67.9893, 68.8176, 80.2207



67.2310, 68.8176, 67.8703



62.8949, 68.8176, 69.8785



63.6203, 68.8176, 82.4644

Rectangle

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



67.9893, 68.8176, 80.2207



68.4759, 68.8176, 72.6888



62.8949, 68.8176, 69.8785



62.4352, 68.8176, 77.2181

Sweetspot

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



67.9913, 68.8206, 80.2222



94.2419, 98.3838, 108.6306



64.6924, 67.1199, 80.0680



20.1802, 21.0752, 23.2543



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.



67.9913, 68.8206, 80.2222



90.3618, 90.6237, 107.3370



67.2574, 68.5270, 76.3578



14.6286, 14.6026, 17.4352



25.7243, 12.3567, 42.0757



1.7831, 0.8565, 2.9165

Inverse Universe

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



67.9913, 68.8206, 80.2222



90.3618, 90.6237, 107.3370



66.8191, 72.5475, 77.1569



14.6286, 14.6026, 17.4352



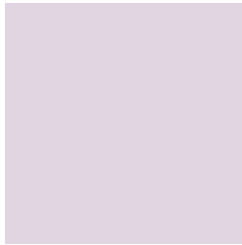
25.7243, 12.3567, 42.0757



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 67.9893, 68.8176, 80.2207 looks on a white background.

Color Contrast Check

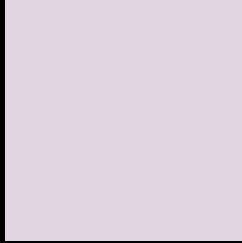
Large Text (above 18pt) WCAG AA × Fail

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 67.9893, 68.8176, 80.2207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

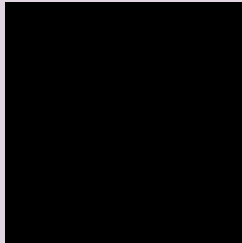
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

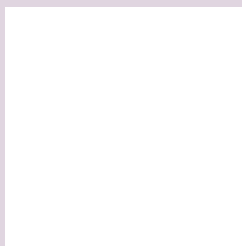
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.9893, 68.8176, 80.2207

Background



This preview shows how black text looks on a background with the XYZ color 67.9893, 68.8176, 80.2207.

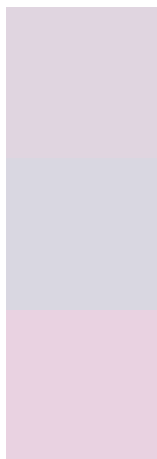


This preview shows how white text looks on a background with the XYZ color 67.9893, 68.8176,

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

67.9893, 68.8176, 80.2207

Protanopia

66.5063, 68.7888, 81.0065

Deuteranopia

70.2415, 68.8531, 80.8220



Tritanopia

68.7377, 68.7517, 83.7763

Trichromacy



Original Color

67.9893, 68.8176, 80.2207

Protanomaly

67.1524, 68.7450, 80.9640

Deuteranomaly

69.5180, 68.8478, 80.8591

Tritanomaly

68.4599, 68.6406, 82.3138

Monochromacy



Original Color

67.9893, 68.8176, 80.2207

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.9893, 69.4947, 77.5932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9893, 68.8176, 80.2207 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(224, 213, 224) looks like.

```
.text, #text, p{  
    color:rgb(224, 213, 224)  
}
```

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(224, 213, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 213, 224) }
```

Border

The CSS property to change the border of an element to XYZ 67.9893, 68.8176, 80.2207 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(224, 213, 224) }
```


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

```
.border{ border-color:rgb(224, 213, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 213, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 213, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 213, 224);  
box-shadow:4px 4px 4px 4px rgb(224, 213,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9893, 68.8176, 80.2207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 213, 224) }
```

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

```
.background{ background-color: rgb(224,  
213, 224) }
```

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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