

Converting Colors

XYZ(67.6790, 66.1288, 75.2156)

Have a look what the booklet for
XYZ(67.6790, 66.1288, 75.2156)
contains.

XYZ(67.6812, 66.1935, 75.5391)	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(67.6812, 66.1935,
75.5391)**

Conversions

Conversions Part 1

Format	Color
Hex	E7CEDA
RGB	231, 206, 218
RGB Percent	91%, 81%, 85%
CMY	0.0941, 0.1921, 0.1451
CMYK	0.00, 0.11, 0.06, 0.09
HSL	331°, 34%, 86%
HSV	331°, 11%, 91%
XYZ	67.6812, 66.1935, 75.5391
YIQ	214.8430, 11.0480, 9.0320

Conversions

Conversions Part 2

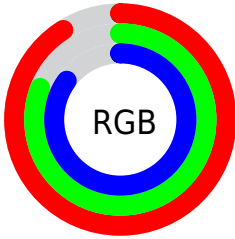
Format	Color
R _Y B	231, 206, 218
Decimal	15191770
CIE Lab	85.10, 10.74, -2.75
CIE LCh	85, 11.084, 345.634
Yxy	66.1935, 0.3232, 0.3161
Android (android.graphics.Color)	4293381850 (0xFFE7CEDA)
YUV	214.8430, 1.5564, 14.1697
Hunter-Lab	81.3594, 6.1115, 1.9031

Details

The XYZ color **67.6812, 66.1935, 75.5391** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8183, 75.3899, 78.0515**, and the grayscale version is **64.4713, 67.8288, 73.8656**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5183, 34.2148, 39.3824** is the 20% darker color. If you saturate the color by 10%, you get **61.0084, 55.2727, 65.8377**, and if you desaturate by 10%, it is **75.2890, 78.8002, 86.1160**.

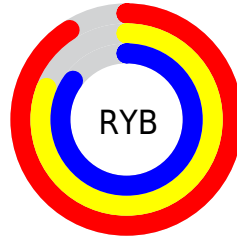
Distribution



Red (91%)

Green (81%)

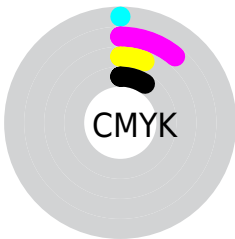
Blue (85%)



Red (91%)

Yellow (81%)

Blue (85%)

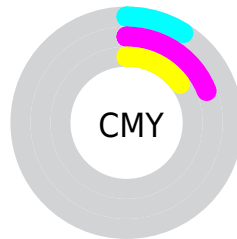


Cyan (0%)

Magenta (11%)

Yellow (6%)

Black (9%)



Cyan (9%)

Magenta (19%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6812, 66.1935, 75.5391 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 67.6812, 66.1935, 75.5391 by changing the saturation by 10% instead.

67.6812, 66.1935,
75.5391

67.6812, 66.1935,
75.5391

441.7601,
447.0686, 499.0733

49.9111, 48.4295,
55.5503

114.9404,
113.7640, 128.8293

35.5603, 34.1671,
39.4409

145.1602,
144.3393, 162.9677

24.2633, 23.0220,
26.7924

180.2607,
179.9538, 202.6598

15.6549, 14.6098,
17.1863

220.6072,
220.9920, 248.3240

9.3696, 8.5460,
10.2041

266.5650,
267.8381, 300.3789

5.0420, 4.4462,
5.4271

318.4995,

2.3070, 1.9262,

320.8767, 359.2431

2.4369

376.7761,
380.4920, 425.3350

0.7982, 0.5641,
0.8064

0.0000, 0.0000,
0.0000

67.6812, 66.1935,
75.5391

67.6812, 66.1935,
75.5391

61.0084, 55.2727,
65.8377

75.2890, 78.8002,
86.1160

55.2271, 45.9571,
56.9831

83.8619, 93.1518,
97.5876

50.2985, 38.1724,
48.9510

86.6117, 95.6677,
107.7030

46.1788, 31.8350,
41.7141

86.7654, 95.7291,
108.5123

■ 42.8200, 26.8532,
35.2432

■ 40.1686, 23.1245,
29.5069

■ 38.1638, 20.5318,
24.4706

■ 36.7334, 18.9354,
20.0954

■ 35.8170, 18.1338,
16.6114

Harmonies

Analogous

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



66.4098, 66.1935, 82.1214



67.6812, 66.1935, 75.5391



67.6524, 66.1935, 68.4314

Triad

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



67.6812, 66.1935, 75.5391



61.6300, 66.1935, 59.6271



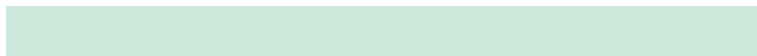
59.6173, 66.1935, 82.3562

Complementary

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



67.6812, 66.1935, 75.5391



66.8183, 75.3899, 78.0515

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.



58.4040, 66.1935, 75.8425



67.6812, 66.1935, 75.5391



59.5449, 66.1935, 62.8805

Square

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



67.6812, 66.1935, 75.5391



64.1137, 66.1935, 59.5578



58.3779, 66.1935, 68.7155



61.7312, 66.1935, 86.2301

Rectangle

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



67.6812, 66.1935, 75.5391



66.8981, 66.1935, 64.3562



58.3779, 66.1935, 68.7155



59.0931, 66.1935, 80.3842

Sweetspot

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



67.6831, 66.1964, 75.5405



92.0239, 94.9622, 104.7638



65.6859, 64.9625, 84.6792



19.5277, 20.0448, 22.1908



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.



67.6831, 66.1964, 75.5405



82.7187, 79.5818, 91.7047



66.2697, 65.7917, 67.6023



14.6636, 14.4826, 16.4291



20.1413, 10.1907, 9.6390



1.5351, 0.7718, 0.9584

Inverse Universe

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



67.6831, 66.1964, 75.5405



82.7187, 79.5818, 91.7047



68.3389, 75.8118, 86.6335



14.6636, 14.4826, 16.4291



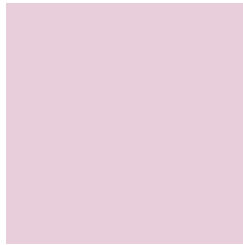
20.1413, 10.1907, 9.6390



1.5351, 0.7718, 0.9584

Previews

White Background



This preview shows how the XYZ color 67.6812, 66.1935, 75.5391 looks on a white background.

Color Contrast Check

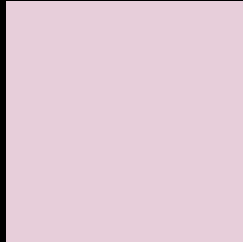
Large Text (above 18pt) WCAG AA × Fail

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 67.6812, 66.1935, 75.5391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

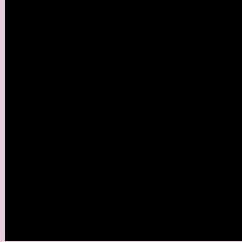
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.6812, 66.1935, 75.5391

Background



This preview shows how black text looks on a background with the XYZ color 67.6812, 66.1935, 75.5391.



This preview shows how white text looks on a background with the XYZ color 67.6812, 66.1935,

75.5391.

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

67.6812, 66.1935, 75.5391

Protanopia

64.0770, 66.1051, 77.7890

Deuteranopia

67.6812, 66.1935, 75.5391



Tritanopia

68.2948, 66.0924, 78.2648

Trichromacy



Original Color

67.6812, 66.1935, 75.5391

Protanomaly

65.2339, 65.9839, 77.0081

Deuteranomaly

67.6812, 66.1935, 75.5391

Tritanomaly

68.1612, 66.0389, 77.5609

Monochromacy



Original Color

67.6812, 66.1935, 75.5391

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.7569, 67.4170, 74.5128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6812, 66.1935, 75.5391 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(231, 206, 218)` looks like.

```
.text, #text, p{  
    color:rgb(231, 206, 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(231, 206, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 206, 218) }
```

Border

The CSS property to change the border of an element to XYZ 67.6812, 66.1935, 75.5391 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(231, 206, 218) }
```


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

```
.border{ border-color:rgb(231, 206, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 206, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 206, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 206, 218);  
box-shadow:4px 4px 4px 4px rgb(231, 206,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6812, 66.1935, 75.5391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 206, 218) }
```

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

```
.background{ background-color: rgb(231,  
206, 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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