

Converting Colors

XYZ(65.9022, 66.1424, 69.0968)

Have a look what the booklet for
XYZ(65.9022, 66.1424, 69.0968)
contains.

XYZ(65.9359, 66.1598, 68.9694)	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(65.9359, 66.1598,
68.9694)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D0D0
RGB	228, 208, 208
RGB Percent	89%, 82%, 82%
CMY	0.1059, 0.1843, 0.1843
CMYK	0.00, 0.09, 0.09, 0.11
HSL	0°, 27%, 85%
HSV	0°, 9%, 89%
XYZ	65.9359, 66.1598, 68.9694
YIQ	213.9800, 11.9200, 4.2400

Conversions

Conversions Part 2

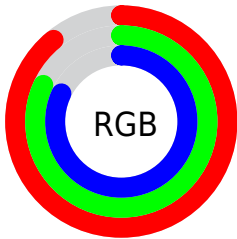
Format	Color
R _Y B	228, 208, 208
Decimal	14995664
CIE Lab	85.08, 6.94, 2.51
CIE LCh	85, 7.380, 19.881
Yxy	66.1598, 0.3279, 0.3290
Android (android.graphics.Color)	4293185744 (0xFFE4D0D0)
YUV	213.9800, -2.9481, 12.2955
Hunter-Lab	81.3387, 2.3555, 6.6634

Details

The XYZ color **65.9359, 66.1598, 68.9694** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.7590, 74.4966, 84.2074**, and the grayscale version is **63.9182, 67.2469, 73.2319**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4016, 34.2150, 35.3628** is the 20% darker color. If you saturate the color by 10%, you get **58.1664, 54.7913, 53.5205**, and if you desaturate by 10%, it is **74.9112, 79.2929, 86.8112**.

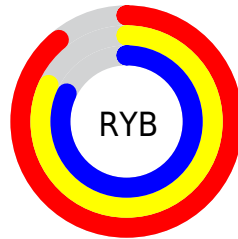
Distribution



Red (89%)

Green (82%)

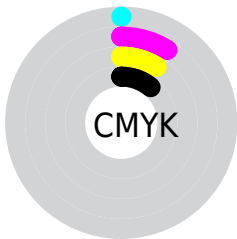
Blue (82%)



Red (89%)

Yellow (82%)

Blue (82%)

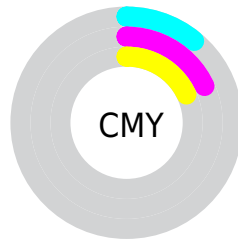


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (11%)



Cyan (11%)

Magenta (18%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9359, 66.1598, 68.9694 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 65.9359, 66.1598, 68.9694 by changing the saturation by 10% instead.

65.9359, 66.1598,
68.9694

65.9359, 66.1598,
68.9694

435.6399,
446.9482, 475.6141

48.4879, 48.4021,
50.2152

112.4526,
113.7157, 119.4052

34.4263, 34.1455,
35.2120

142.2519,
144.2826, 151.9238

23.3857, 23.0054,
23.5414

176.8991,
179.8882, 189.8676

15.0008, 14.5975,
14.7847

216.7595,
220.9167, 233.6552

8.9063, 8.5374,
8.5235

262.1984,
267.7525, 283.7051

4.7367, 4.4407,
4.3392

313.5812,

2.1268, 1.9230,

320.7801, 340.4359

1.8132

371.2732,
380.3839, 404.2660

■ 0.7037, 0.5622,
0.4366

■ 0.0000, 0.0000,
0.0000

■ 65.9359, 66.1598,
68.9694

■ 65.9359, 66.1598,
68.9694

■ 58.1664, 54.7913,
53.5205

■ 74.9112, 79.2929,
86.8112

■ 51.5460, 45.1041,
40.3589

■ 85.1347, 94.2521,
107.1372

■ 46.0220, 37.0209,
29.3772

■ 85.8052, 95.2341,
108.4673

■ 41.5352, 30.4554,
20.4577

■ 38.0209, 25.3128,
13.4718

■ 35.4071, 21.4878,
8.2765

■ 33.6119, 18.8607,
4.7088

■ 32.5387, 17.2900,
2.5764

■ 32.0414, 16.5621,
1.5884

Harmonies

Analogous

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



66.0813, 66.1598, 73.6566



65.9359, 66.1598, 68.9694



64.9645, 66.1598, 65.2630

Triad

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



65.9359, 66.1598, 68.9694



60.4709, 66.1598, 66.2994



62.3232, 66.1598, 81.4263

Complementary

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



65.9359, 66.1598, 68.9694



67.7590, 74.4966, 84.2074

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.



60.8463, 66.1598, 79.2637



65.9359, 66.1598, 68.9694



59.7895, 66.1598, 70.4409

Square

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



65.9359, 66.1598, 68.9694



61.8025, 66.1598, 63.7692



59.9256, 66.1598, 75.1938



63.9758, 66.1598, 80.9898

Rectangle

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



65.9359, 66.1598, 68.9694



63.9884, 66.1598, 63.7812



59.9256, 66.1598, 75.1938



61.7902, 66.1598, 80.9757

Sweetspot

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



65.9378, 66.1627, 68.9708



91.4510, 94.7338, 101.7446



68.5551, 67.2081, 82.7586



19.3736, 19.9834, 21.3786



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.



65.9378, 66.1627, 68.9708



82.5552, 81.7173, 84.0587



68.4522, 71.1917, 69.8090



14.3773, 14.3685, 14.9201



18.4754, 9.5250, 0.8648



1.3654, 0.7040, 0.0639

Inverse Universe

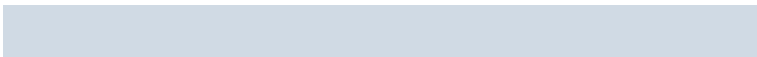
The Inverse Universe completely reimagines the original color for something new.



67.7590, 74.4966, 84.2074



85.4709, 95.0591, 108.4512



65.0882, 69.1550, 83.3172



14.8073, 16.3359, 18.5171



24.0989, 35.2600, 47.9189



1.7809, 2.6058, 3.5411

Previews

White Background



This preview shows how the XYZ color 65.9359, 66.1598, 68.9694 looks on a white background.

Color Contrast Check

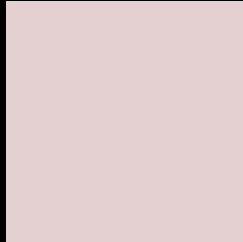
Large Text (above 18pt) WCAG AA × Fail

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 65.9359, 66.1598, 68.9694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

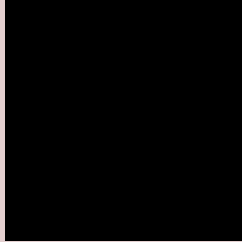
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

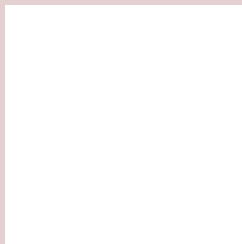
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.9359, 66.1598, 68.9694

Background



This preview shows how black text looks on a background with the XYZ color 65.9359, 66.1598, 68.9694.



This preview shows how white text looks on a background with the XYZ color 65.9359, 66.1598,

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

65.9359, 66.1598, 68.9694

Protanopia

63.7916, 66.4918, 70.4448

Deuteranopia

67.7174, 66.3588, 68.9140



Tritanopia

67.8893, 66.2395, 78.3146

Trichromacy



Original Color

65.9359, 66.1598, 68.9694

Protanomaly

64.6217, 66.5641, 69.7638

Deuteranomaly

66.9767, 66.3355, 68.9485

Tritanomaly

67.1503, 66.2934, 74.9023

Monochromacy



Original Color

65.9359, 66.1598, 68.9694

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.6406, 66.9005, 71.7935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9359, 66.1598, 68.9694 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(228, 208, 208)` looks like.

```
.text, #text, p{  
    color:rgb(228, 208, 208)  
}
```

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(228, 208, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 208, 208) }
```

Border

The CSS property to change the border of an element to XYZ 65.9359, 66.1598, 68.9694 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(228, 208, 208) }
```


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

```
.border{ border-color:rgb(228, 208, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 208, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 208, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 208, 208);  
box-shadow:4px 4px 4px 4px rgb(228, 208,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9359, 66.1598, 68.9694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 208, 208) }
```

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

```
.background{ background-color: rgb(228,  
208, 208) }
```

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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