

Converting Colors

XYZ(61.1982, 64.2350, 69.0006)

Have a look what the booklet for
XYZ(61.1982, 64.2350, 69.0006)
contains.

XYZ(61.0496, 64.0039, 68.8108)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(61.0496, 64.0039,
68.8108)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D1D0
RGB	211, 209, 208
RGB Percent	83%, 82%, 82%
CMY	0.1725, 0.1804, 0.1843
CMYK	0.00, 0.01, 0.01, 0.17
HSL	20°, 3%, 82%
HSV	20°, 1%, 83%
XYZ	61.0496, 64.0039, 68.8108
YIQ	209.4840, 1.5130, 0.1130

Conversions

Conversions Part 2

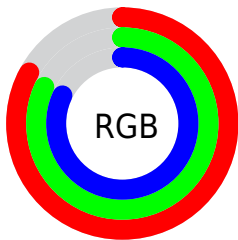
Format	Color
R_{YB}	211, 210, 208
Decimal	13881808
CIE Lab	83.97, 0.51, 0.73
CIE LCh	84, 0.888, 55.019
Yxy	64.0039, 0.3149, 0.3301
Android (android.graphics.Color)	4292071888 (0xFFD3D1D0)
YUV	209.4840, -0.7316, 1.3295
Hunter-Lab	80.0024, -3.7915, 5.0059

Details

The XYZ color **61.0496, 64.0039, 68.8108** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8169, 64.2053, 70.8164**, and the grayscale version is **60.9260, 64.0989, 69.8037**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4587, 32.9439, 35.2726** is the 20% darker color. If you saturate the color by 10%, you get **55.3306, 56.4471, 54.9375**, and if you desaturate by 10%, it is **67.4212, 72.3116, 84.6072**.

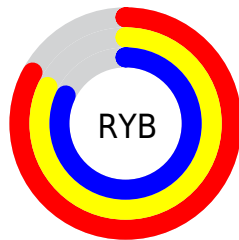
Distribution



Red (83%)

Green (82%)

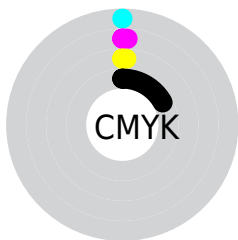
Blue (82%)



Red (83%)

Yellow (82%)

Blue (82%)

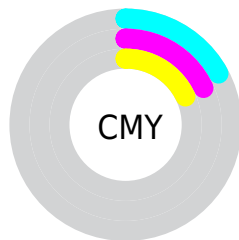


Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (17%)



Cyan (17%)

Magenta (18%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0496, 64.0039, 68.8108 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 61.0496, 64.0039, 68.8108 by changing the saturation by 10% instead.

■ 61.0496, 64.0039,
68.8108

■ 61.0496, 64.0039,
68.8108

418.2289,
439.2037, 475.0392

■ 44.5179, 46.6538,
50.0868

105.4485,
110.6166, 119.1765

■ 31.2775, 32.7621,
35.1107

134.0463,
140.6479, 151.6552

■ 20.9631, 21.9442,
23.4640

167.3969,
175.6752, 189.5560

■ 13.2094, 13.8159,
14.7280

205.8657,
216.0827, 233.2974

■ 7.6509, 7.9928,
8.4842

249.8179,
262.2550, 283.2979

■ 3.9223, 4.0903,
4.3141

299.6189,

■ 1.6583, 1.7242,

314.5763, 339.9760

1.7992

355.6341,
373.4311, 403.7502

■ 0.4299, 0.4393,
0.4274

■ 0.0000, 0.0000,
0.0000

■ 61.0496, 64.0039,
68.8108

■ 61.0496, 64.0039,
68.8108

■ 55.3306, 56.4471,
54.9375

■ 67.4212, 72.3116,
84.6072

■ 50.2375, 49.6119,
42.9091

■ 74.4604, 81.3820,
102.3922

■ 45.7496, 43.4791,
32.6484

■ 79.4510, 90.1424,
107.8195

■ 41.8429, 38.0255,
24.0710

■ 80.6743, 92.5891,
108.2272

■ 38.4917, 33.2266,
17.0856

■ 35.6682, 29.0564,
11.5921

■ 33.3421, 25.4869,
7.4789

■ 31.4792, 22.4876,
4.6183

■ 30.0402, 20.0249,
2.8585

Harmonies

Analogous

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



61.1751, 64.0039, 69.2349



61.0496, 64.0039, 68.8108



60.8664, 64.0039, 68.6221

Triad

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



61.0496, 64.0039, 68.8108



60.4600, 64.0039, 69.5959



60.9929, 64.0039, 70.6697

Complementary

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



61.0496, 64.0039, 68.8108



60.8169, 64.2053, 70.8164

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.



60.8011, 64.0039, 70.7676



61.0496, 64.0039, 68.8108



60.4937, 64.0039, 70.1458

Square

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



61.0496, 64.0039, 68.8108



60.5262, 64.0039, 69.0738



60.6185, 64.0039, 70.5754



61.1424, 64.0039, 70.3085

Rectangle

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



61.0496, 64.0039, 68.8108



60.7364, 64.0039, 68.6545



60.6185, 64.0039, 70.5754



60.9313, 64.0039, 70.7346

Sweetspot

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



61.0514, 64.0067, 68.8122

95.0500, 100.0000, 108.9000



61.0536, 63.6147, 70.0346



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.0514, 64.0067, 68.8122



93.1665, 97.5297, 104.2750



61.4203, 64.7443, 68.9351



13.0601, 13.6766, 14.6416



17.6416, 11.2163, 1.2351



1.0589, 0.7721, 0.0932

Inverse Universe

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



60.8169, 64.2053, 70.8164



92.6566, 97.9616, 108.6327



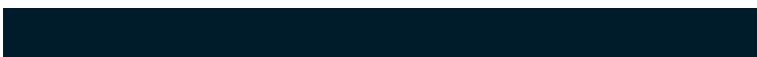
60.4492, 63.4700, 70.6938



12.9937, 13.7329, 15.2095



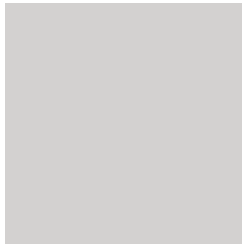
12.8889, 14.4245, 39.2974



0.7921, 0.9494, 2.2211

Previews

White Background



This preview shows how the XYZ color 61.0496, 64.0039, 68.8108 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 61.0496, 64.0039, 68.8108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

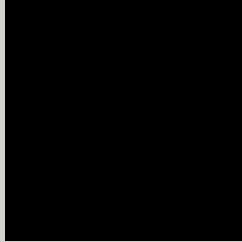
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

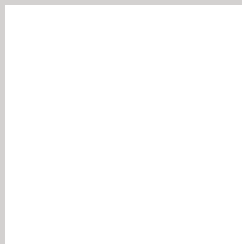
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0496, 64.0039, 68.8108

Background



This preview shows how black text looks on a background with the XYZ color 61.0496, 64.0039, 68.8108.

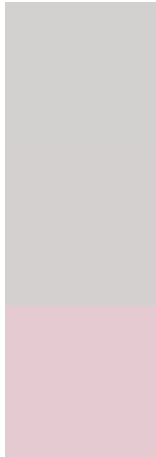


This preview shows how white text looks on a background with the XYZ color 61.0496, 64.0039,

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

61.0496, 64.0039, 68.8108

Protanopia

61.3816, 63.8120, 68.7563

Deuteranopia

65.1777, 63.9733, 69.2345



Tritanopia

63.0727, 64.0995, 78.8602

Trichromacy



Original Color

61.0496, 64.0039, 68.8108

Protanomaly

61.0924, 63.6629, 68.7428

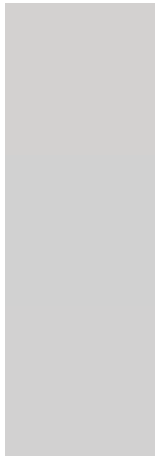
Deuteranomaly

63.4641, 63.7957, 69.2905

Tritanomaly

62.3621, 64.1708, 75.4290

Monochromacy



Original Color

61.0496, 64.0039, 68.8108

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.8874, 63.9060, 69.4476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0496, 64.0039, 68.8108 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(211, 209, 208) looks like.

```
.text, #text, p{  
    color:rgb(211, 209, 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(211, 209, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 209, 208) }
```

Border

The CSS property to change the border of an element to XYZ 61.0496, 64.0039, 68.8108 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(211, 209, 208) }
```

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

```
.border{ border-color:rgb(211, 209, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 209, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 209, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 209, 208);  
box-shadow:4px 4px 4px 4px rgb(211, 209,  
208) }
```


Background

The CSS property to change the background color of an element to XYZ 61.0496, 64.0039, 68.8108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 209, 208) }
```

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

```
.background{ background-color: rgb(211,  
209, 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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