

Converting Colors

XYZ(61.6723, 65.4425, 68.4159)

Have a look what the booklet for
XYZ(61.6723, 65.4425, 68.4159)
contains.

XYZ(61.6699, 65.4408, 68.4125)	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(61.6699, 65.4408,
68.4125)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D4CF
RGB	211, 212, 207
RGB Percent	83%, 83%, 81%
CMY	0.1725, 0.1686, 0.1882
CMYK	0.00, 0.00, 0.02, 0.17
HSL	72°, 5%, 82%
HSV	72°, 2%, 83%
XYZ	61.6699, 65.4408, 68.4125
YIQ	211.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

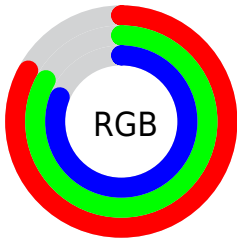
Format	Color
R _Y B	207, 212, 208
Decimal	13882575
CIE Lab	84.71, -1.24, 2.34
CIE LCh	85, 2.646, 117.841
Yxy	65.4408, 0.3154, 0.3347
Android (android.graphics.Color)	4292072655 (0xFFD3D4CF)
YUV	211.1310, -2.0366, -0.1149
Hunter-Lab	80.8955, -5.4893, 6.4859

Details

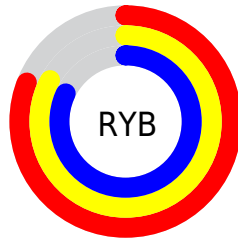
The XYZ color **61.6699, 65.4408, 68.4125** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2114, 62.7908, 71.2370**, and the grayscale version is **62.0175, 65.2473, 71.0543**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7114, 33.5819, 34.9476** is the 20% darker color. If you saturate the color by 10%, you get **58.0483, 63.8553, 55.6094**, and if you desaturate by 10%, it is **65.6756, 67.1878, 83.0530**.

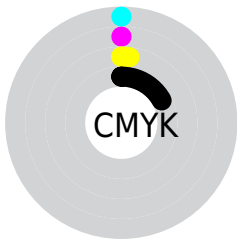
Distribution



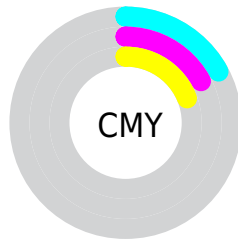
- Red (83%)
- Green (83%)
- Blue (81%)



- Red (81%)
- Yellow (83%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (17%)



- Cyan (17%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6699, 65.4408, 68.4125 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 61.6699, 65.4408, 68.4125 by changing the saturation by 10% instead.

■ 61.6699, 65.4408,
68.4125

■ 61.6699, 65.4408,
68.4125

420.4627,
444.3743, 473.5938

■ 45.0206, 47.8186,
49.7646

106.3409,
112.6834, 118.6018

■ 31.6750, 33.6833,
34.8565

135.0934,
143.0725, 150.9804

■ 21.2677, 22.6504,
23.2697

168.6110,
178.4861, 188.7729

■ 13.4334, 14.3356,
14.5856

207.2590,
219.3085, 232.3979

■ 7.8067, 8.3544,
8.3857

251.4028,
265.9241, 282.2740

■ 4.0223, 4.3226,
4.2514

301.4078,

■ 1.7148, 1.8556,

318.7174, 338.8196

1.7643

357.6393,
378.0726, 402.4534

■ 0.4655, 0.5215,
0.4042

■ 0.0000, 0.0000,
0.0000

■ 61.6699, 65.4408,
68.4125

■ 61.6699, 65.4408,
68.4125

■ 58.0483, 63.8553,
55.6094

■ 65.6756, 67.1878,
83.0530

■ 54.7911, 62.4172,
44.5669

■ 70.0730, 69.0932,
99.5952

■ 51.8854, 61.1234,
35.2091

■ 72.2613, 70.1187,
104.3334

■ 49.3150, 59.9673,
27.4529

■ 73.5943, 70.8059,
104.3958

■ 47.0626, 58.9420,
21.2082

■ 74.9605, 71.5102,
104.4597

■ 45.1091, 58.0399,
16.3758

■ 76.3602, 72.2317,
104.5252

■ 43.4333, 57.2524,
12.8449

■ 77.7935, 72.9707,
104.5923

■ 42.0106, 56.5697,
10.4880

■ 79.2608, 73.7270,
104.6610

■ 40.8117, 55.9799,
9.1522

■ 80.7621, 74.5010,
104.7312

Harmonies

Analogous

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



62.2424, 65.4408, 68.0485



61.6699, 65.4408, 68.4125



61.2417, 65.4408, 69.5343

Triad

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



61.6699, 65.4408, 68.4125



61.5961, 65.4408, 74.0470



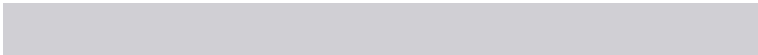
63.3429, 65.4408, 71.3767

Complementary

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



61.6699, 65.4408, 68.4125



60.2114, 62.7908, 71.2370

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.



63.1673, 65.4408, 73.0016



61.6699, 65.4408, 68.4125



62.1567, 65.4408, 74.5585

Square

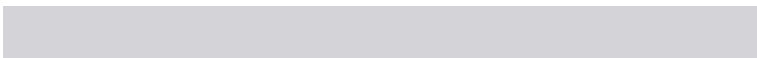
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.6699, 65.4408, 68.4125



61.1993, 65.4408, 72.7859



62.7322, 65.4408, 74.1729



63.2106, 65.4408, 69.7436

Rectangle

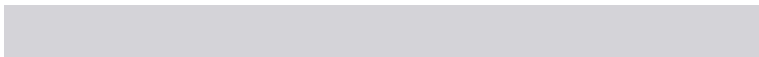
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.6699, 65.4408, 68.4125



61.0944, 65.4408, 70.5701



62.7322, 65.4408, 74.1729



63.3179, 65.4408, 71.9421

Sweetspot

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



61.6717, 65.4436, 68.4139



94.4541, 99.7399, 106.7433



60.9719, 63.6157, 68.0980



20.2234, 21.3512, 22.8702



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.



61.6717, 65.4436, 68.4139



93.2802, 99.2271, 102.5155



60.9614, 65.0774, 68.3807



13.6796, 14.5908, 14.8789



24.7813, 34.3515, 5.3244



1.5581, 2.1046, 0.3241

Inverse Universe

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



60.2114, 62.7908, 71.2370



90.4438, 94.0744, 107.9990



60.9196, 63.1559, 71.2702



13.1624, 13.6512, 15.8787



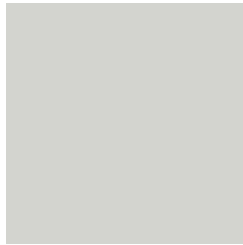
8.0052, 3.2794, 38.6642



0.5514, 0.2331, 2.3352

Previews

White Background



This preview shows how the XYZ color 61.6699, 65.4408, 68.4125 looks on a white background.

Color Contrast Check

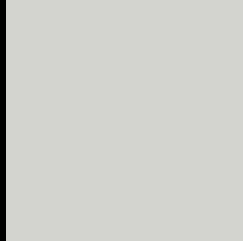
Large Text (above 18pt) WCAG AA × Fail

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 61.6699, 65.4408, 68.4125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

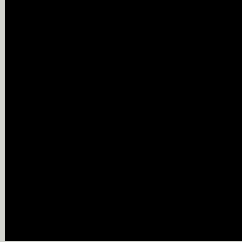
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

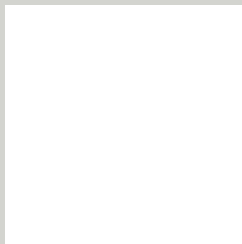
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.6699, 65.4408, 68.4125

Background



This preview shows how black text looks on a background with the XYZ color 61.6699, 65.4408, 68.4125.

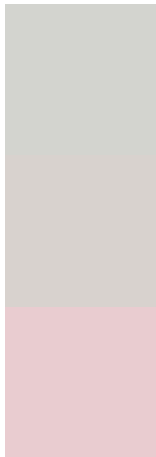


This preview shows how white text looks on a background with the XYZ color 61.6699, 65.4408,

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

61.6699, 65.4408, 68.4125

Protanopia

62.5061, 65.1483, 67.6730

Deuteranopia

66.5823, 65.0634, 68.7237



Tritanopia

64.2595, 65.3881, 81.1858

Trichromacy



Original Color

61.6699, 65.4408, 68.4125

Protanomaly

62.1664, 65.3409, 67.7281

Deuteranomaly

64.7493, 65.1873, 68.8443

Tritanomaly

63.2733, 65.3538, 76.2975

Monochromacy



Original Color

61.6699, 65.4408, 68.4125

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.7911, 65.0906, 70.2798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6699, 65.4408, 68.4125 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, 212, 207) looks like.

```
.text, #text, p{  
    color:rgb(211, 212, 207)  
}
```

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, 212, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 212, 207) }
```

Border

The CSS property to change the border of an element to XYZ 61.6699, 65.4408, 68.4125 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, 212, 207) }
```


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

```
.border{ border-color:rgb(211, 212, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 212, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 212, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 212, 207);  
box-shadow:4px 4px 4px 4px rgb(211, 212,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6699, 65.4408, 68.4125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 212, 207) }
```

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

```
.background{ background-color: rgb(211,  
212, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor