

Converting Colors

XYZ(56.9583, 64.5886, 65.3520)

Have a look what the booklet for
XYZ(56.9583, 64.5886, 65.3520)
contains.

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Color

**XYZ(56.9548, 64.5825,
65.3409)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D8CA
RGB	192, 216, 202
RGB Percent	75%, 85%, 79%
CMY	0.2471, 0.1529, 0.2078
CMYK	0.11, 0.00, 0.06, 0.15
HSL	145°, 24%, 80%
HSV	145°, 11%, 85%
XYZ	56.9548, 64.5825, 65.3409
YIQ	207.2280, -9.8100, -9.4420

Conversions

Conversions Part 2

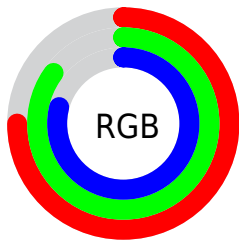
Format	Color
RYB	192, 209, 216
Decimal	12638410
CIELab	84.27, -10.65, 4.18
CIElCh	84, 11.446, 158.580
Yxy	64.5825, 0.3048, 0.3456
Android (android.graphics.Color)	4290828490 (0xFFC0D8CA)
YUV	207.2280, -2.5774, -13.3550
Hunter-Lab	80.3632, -14.1297, 8.0474

Details

The XYZ color **56.9548, 64.5825, 65.3409** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3115, 56.7561, 66.2774**, and the grayscale version is **59.4773, 62.5747, 68.1439**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **28.5714, 33.0311, 32.8867** is the 20% darker color. If you saturate the color by 10%, you get **50.4503, 61.3966, 57.5637**, and if you desaturate by 10%, it is **64.3875, 68.2365, 73.8003**.

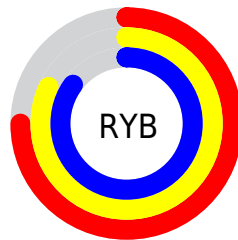
Distribution



Red (75%)

Green (85%)

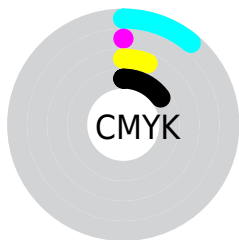
Blue (79%)



Red (75%)

Yellow (82%)

Blue (85%)

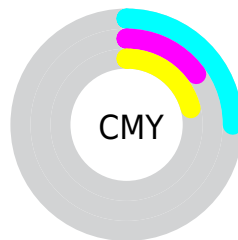


Cyan (11%)

Magenta (0%)

Yellow (6%)

Black (15%)



Cyan (25%)

Magenta (15%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9548, 64.5825, 65.3409 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 56.9548, 64.5825, 65.3409 by changing the saturation by 10% instead.

■ 56.9548, 64.5825,
65.3409

■ 56.9548, 64.5825,
65.3409

403.2968,
441.2901, 462.3557

■ 41.2089, 47.1226,
47.2845

■ 99.5310, 111.4494,
114.1578

■ 28.6708, 33.1326,
32.9046

127.0920,
141.6252, 145.7553

■ 18.9749, 22.2280,
21.7829

159.3221,
176.8085, 182.7036

■ 11.7561, 14.0246,
13.5007

196.5867,
217.3836, 225.4212

■ 6.6488, 8.1378,
7.6394

239.2511,
263.7349, 274.3267

■ 3.2878, 4.1832,
3.7807


287.6807,

■ 1.3077, 1.7766,


316.2468, 329.8386


1.5058


342.2408,
375.3038, 392.3754


 0.1890, 0.4725,
0.2222


 0.0000, 0.0000,
0.0000


 56.9548, 64.5825,
65.3409


 56.9548, 64.5825,
65.3409


 50.4503, 61.3966,
57.5637


 64.3875, 68.2365,
73.8003


 44.8309, 58.6513,
50.4477

 72.7784, 72.3683,
82.9539

 40.0580, 56.3291,
43.9765

 81.4965, 76.6540,
92.7877

 36.0879, 54.4077,
38.1319

 83.4325, 77.4284,
102.9825

■ 32.8729, 52.8629,
32.8946

■ 83.8471, 77.5942,
105.1657

■ 30.3601, 51.6678,
28.2443

■ 28.4889, 50.7916,
24.1593

■ 27.1878, 50.1979,
20.6167

■ 26.4021, 49.8522,
17.9013

Harmonies

Analogous

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



58.3925, 64.5825, 59.9563



56.9548, 64.5825, 65.3409



56.6867, 64.5825, 72.4236

Triad

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



56.9548, 64.5825, 65.3409



62.1141, 64.5825, 85.0537



65.2756, 64.5825, 61.9643

Complementary

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



56.9548, 64.5825, 65.3409



58.3115, 56.7561, 66.2774

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.



66.3333, 64.5825, 68.2563



56.9548, 64.5825, 65.3409



64.4754, 64.5825, 81.8127

Square

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



56.9548, 64.5825, 65.3409



59.6198, 64.5825, 84.1392



66.0365, 64.5825, 75.5445



63.1821, 64.5825, 58.1022

Rectangle

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



56.9548, 64.5825, 65.3409



57.2000, 64.5825, 77.2146



66.0365, 64.5825, 75.5445



65.7667, 64.5825, 63.8473

Sweetspot

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



56.9566, 64.5852, 65.3423



91.5810, 98.2937, 105.0304



59.6375, 66.0997, 59.4854



19.4083, 20.9436, 22.2628



0.0000, 0.0000, 0.0000



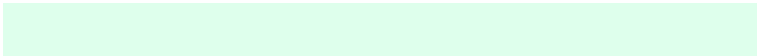
20.3446, 21.4041, 23.3091

Same Dimension

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



56.9566, 64.5852, 65.3423



80.9293, 93.0623, 92.7959



58.3829, 65.1558, 72.8530



12.4748, 13.9809, 14.3150



15.6776, 29.5264, 10.8639



0.9863, 1.7972, 0.8697

Inverse Universe

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



58.3115, 56.7561, 66.2774



83.2270, 79.7851, 94.3811



56.9532, 56.2128, 59.1244



12.7240, 12.5411, 14.4870



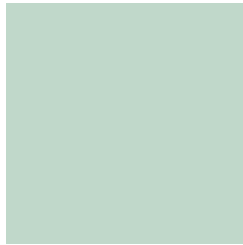
19.0464, 9.5549, 12.8142



1.1896, 0.5926, 0.9879

Previews

White Background



This preview shows how the XYZ color 56.9548, 64.5825, 65.3409 looks on a white background.

Color Contrast Check

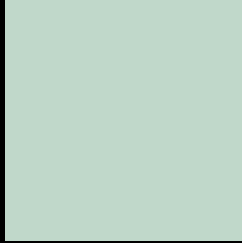
Large Text (above 18pt) WCAG AA × Fail

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 56.9548, 64.5825, 65.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

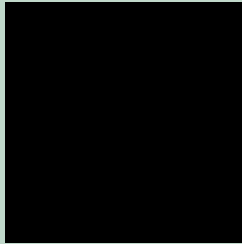
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9548, 64.5825, 65.3409

Background



This preview shows how black text looks on a background with the XYZ color 56.9548, 64.5825, 65.3409.

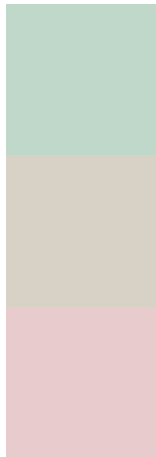


This preview shows how white text looks on a background with the XYZ color 56.9548, 64.5825,

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

56.9548, 64.5825, 65.3409

Protanopia

61.3124, 64.2771, 62.6013

Deuteranopia

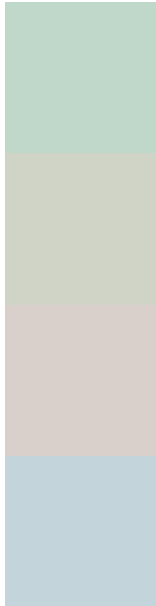
65.6541, 64.2755, 66.7037



Tritanopia

60.7123, 64.6144, 83.4007

Trichromacy



Original Color

56.9548, 64.5825, 65.3409

Protanomaly

59.5844, 64.4759, 63.3375

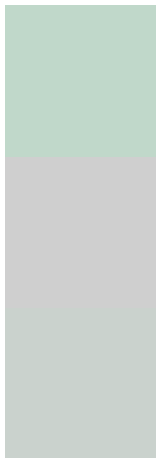
Deuteranomaly

62.0702, 64.2231, 66.2516

Tritanomaly

59.0861, 64.3051, 76.3158

Monochromacy



Original Color

56.9548, 64.5825, 65.3409

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.4232, 63.0575, 66.8497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9548, 64.5825, 65.3409 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(192, 216, 202)` looks like.

```
.text, #text, p{  
    color:rgb(192, 216, 202)  
}
```

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(192, 216, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 216, 202) }
```

Border

The CSS property to change the border of an element to XYZ 56.9548, 64.5825, 65.3409 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(192, 216, 202) }
```


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

```
.border{ border-color:rgb(192, 216, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 216, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 216, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 216, 202);  
box-shadow:4px 4px 4px 4px rgb(192, 216,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9548, 64.5825, 65.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 216, 202) }
```

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

```
.background{ background-color: rgb(192,  
216, 202) }
```

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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