

Converting Colors

XYZ(58.8251, 65.4071, 69.3215)

Have a look what the booklet for
XYZ(58.8251, 65.4071, 69.3215)
contains.

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Color

**XYZ(58.9670, 65.5361,
69.2164)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D8D0
RGB	197, 216, 208
RGB Percent	77%, 85%, 82%
CMY	0.2274, 0.1529, 0.1843
CMYK	0.09, 0.00, 0.04, 0.15
HSL	155°, 20%, 81%
HSV	155°, 9%, 85%
XYZ	58.9670, 65.5361, 69.2164
YIQ	209.4070, -8.7560, -6.5160

Conversions

Conversions Part 2

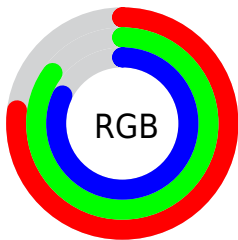
Format	Color
RYB	197, 209, 216
Decimal	12966096
CIELab	84.76, -7.86, 1.76
CIElCh	85, 8.058, 167.418
Yxy	65.5361, 0.3044, 0.3383
Android (android.graphics.Color)	4291156176 (0xFFC5D8D0)
YUV	209.4070, -0.6937, -10.8809
Hunter-Lab	80.9544, -11.6511, 5.9748

Details

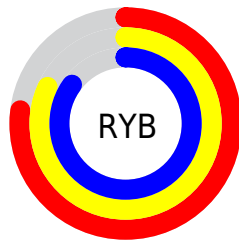
The XYZ color **58.9670, 65.5361, 69.2164** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.3070, 58.9409, 66.0116**, and the grayscale version is **60.8801, 64.0506, 69.7512**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **29.9053, 33.6625, 35.4932** is the 20% darker color. If you saturate the color by 10%, you get **52.6242, 62.3937, 63.2444**, and if you desaturate by 10%, it is **66.1882, 69.1275, 75.5674**.

Distribution



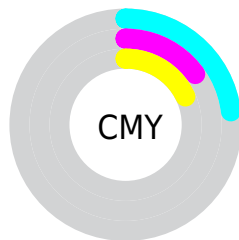
- Red (77%)
- Green (85%)
- Blue (82%)



- Red (77%)
- Yellow (82%)
- Blue (85%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (23%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9670, 65.5361, 69.2164 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 58.9670, 65.5361, 69.2164 by changing the saturation by 10% instead.

■ 58.9670, 65.5361,
69.2164

■ 58.9670, 65.5361,
69.2164

410.6756,
444.7160, 476.5084

■ 42.8328, 47.8959,
50.4151

102.4446,
112.8203, 119.7612

■ 29.9479, 33.7445,
35.3699

130.5187,
143.2330, 152.3418

■ 19.9469, 22.6974,
23.6621

163.3036,
178.6721, 190.3526

■ 12.4645, 14.3702,
14.8733

201.1645,
219.5219, 234.2122

■ 7.1353, 8.3786,
8.5849

244.4667,
266.1668, 284.3390

■ 3.5939, 4.3381,
4.3783

293.5758,

■ 1.4751, 1.8645,

318.9911, 341.1516

1.8351

348.8570,
378.3794, 405.0686

■ 0.3088, 0.5269,
0.4510

■ 0.0000, 0.0000,
0.0000

■ 58.9670, 65.5361,
69.2164

■ 58.9670, 65.5361,
69.2164

■ 52.6242, 62.3937,
63.2444

■ 66.1882, 69.1275,
75.5674

■ 47.1189, 59.6740,
57.6398

■ 74.3154, 73.1767,
82.3000

■ 42.4150, 57.3602,
52.3967

■ 80.8348, 76.3893,
89.3033

■ 38.4717, 55.4315,
47.5071

■ 82.1855, 76.9295,
96.4157

■ 35.2445, 53.8650,
42.9631

■ 83.6044, 77.4971,
103.8875

■ 32.6838, 52.6354,
38.7560

■ 83.8471, 77.5942,
105.1657

■ 30.7335, 51.7139,
34.8770

■ 29.3276, 51.0664,
31.3161

■ 28.3638, 50.6406,
28.0619

Harmonies

Analogous

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



59.7718, 65.5361, 64.8473



58.9670, 65.5361, 69.2164



59.0400, 65.5361, 74.3717

Triad

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



58.9670, 65.5361, 69.2164



63.3338, 65.5361, 81.2578



64.6658, 65.5361, 64.2930

Complementary

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



58.9670, 65.5361, 69.2164



59.3070, 58.9409, 66.0116

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.



65.6573, 65.5361, 68.4262



58.9670, 65.5361, 69.2164



64.8781, 65.5361, 78.2898

Square

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



58.9670, 65.5361, 69.2164



61.5379, 65.5361, 81.4946



65.7358, 65.5361, 73.5427



63.0484, 65.5361, 62.0983

Rectangle

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



58.9670, 65.5361, 69.2164



59.5767, 65.5361, 77.5631



65.7358, 65.5361, 73.5427



65.0846, 65.5361, 65.4924

Sweetspot

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



58.9688, 65.5389, 69.2178



91.7769, 98.3721, 106.0618



59.8774, 66.1583, 62.4382



19.4611, 20.9647, 22.5411



0.0000, 0.0000, 0.0000



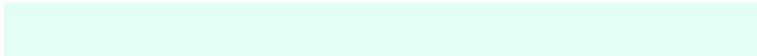
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9688, 65.5389, 69.2178



83.6287, 94.3251, 98.7409



59.6554, 65.2962, 74.4282



12.5608, 14.0153, 14.7674



16.7818, 29.9681, 16.6784



1.0531, 1.8239, 1.2215

Inverse Universe

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



59.3070, 58.9409, 66.0116



84.2404, 82.3888, 92.9408



58.6541, 59.1420, 61.1484



12.6381, 12.5067, 14.0343



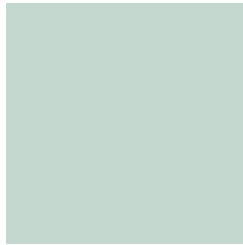
17.9301, 9.1084, 6.9360



1.1223, 0.5657, 0.6334

Previews

White Background



This preview shows how the XYZ color 58.9670, 65.5361, 69.2164 looks on a white background.

Color Contrast Check

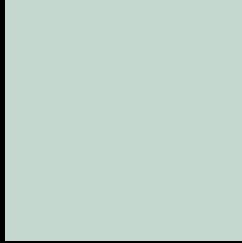
Large Text (above 18pt) WCAG AA × Fail

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 58.9670, 65.5361, 69.2164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

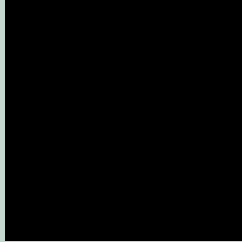
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

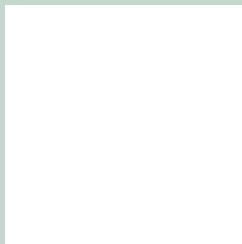
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9670, 65.5361, 69.2164

Background



This preview shows how black text looks on a background with the XYZ color 58.9670, 65.5361, 69.2164.

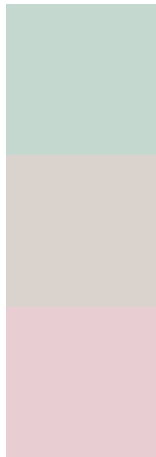


This preview shows how white text looks on a background with the XYZ color 58.9670, 65.5361,

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

58.9670, 65.5361, 69.2164

Protanopia

62.6813, 65.2527, 67.0490

Deuteranopia

66.7429, 65.4716, 70.0923



Tritanopia

62.1646, 65.7192, 84.2716

Trichromacy



Original Color

58.9670, 65.5361, 69.2164

Protanomaly

61.2624, 65.2448, 67.7572

Deuteranomaly

63.5225, 65.2644, 69.5709

Tritanomaly

61.0508, 65.6464, 78.5605

Monochromacy



Original Color

58.9670, 65.5361, 69.2164

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.2289, 64.6696, 69.6297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9670, 65.5361, 69.2164 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(197, 216, 208)` looks like.

```
.text, #text, p{  
    color:rgb(197, 216, 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(197, 216, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 216, 208) }
```

Border

The CSS property to change the border of an element to XYZ 58.9670, 65.5361, 69.2164 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(197, 216, 208) }
```


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

```
.border{ border-color:rgb(197, 216, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 216, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 216, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 216, 208);  
box-shadow:4px 4px 4px 4px rgb(197, 216,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9670, 65.5361, 69.2164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 216, 208) }
```

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

```
.background{ background-color: rgb(197,  
216, 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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