

Converting Colors

XYZ(59.1030, 65.1807, 69.3708)

Have a look what the booklet for
XYZ(59.1030, 65.1807, 69.3708)
contains.

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Color

**XYZ(58.9743, 65.1607,
69.1435)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D7D0
RGB	198, 215, 208
RGB Percent	78%, 84%, 82%
CMY	0.2235, 0.1568, 0.1843
CMYK	0.08, 0.00, 0.03, 0.16
HSL	155°, 18%, 81%
HSV	155°, 8%, 84%
XYZ	58.9743, 65.1607, 69.1435
YIQ	209.1190, -7.8850, -5.7810

Conversions

Conversions Part 2

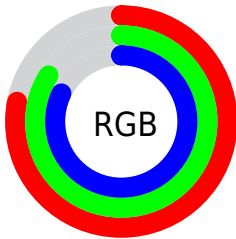
Format	Color
RYB	198, 209, 215
Decimal	13031376
CIELab	84.57, -7.02, 1.48
CIELCh	85, 7.171, 168.062
Yxy	65.1607, 0.3051, 0.3371
Android (android.graphics.Color)	4291221456 (0xFFC6D7D0)
YUV	209.1190, -0.5517, -9.7514
Hunter-Lab	80.7222, -10.8546, 5.7200

Details

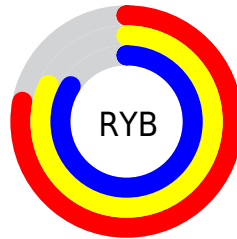
The XYZ color **58.9743, 65.1607, 69.1435** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2402, 59.2447, 66.0738**, and the grayscale version is **60.6907, 63.8513, 69.5341**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.9051, 33.4040, 35.4433** is the 20% darker color. If you saturate the color by 10%, you get **52.6454, 62.0223, 63.3185**, and if you desaturate by 10%, it is **66.1722, 68.7437, 75.3295**.

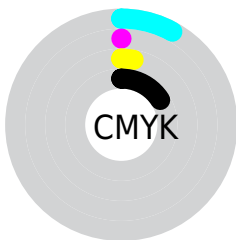
Distribution



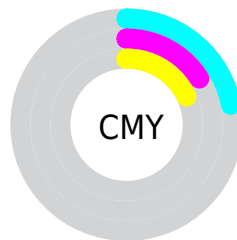
- Red (78%)
- Green (84%)
- Blue (82%)



- Red (78%)
- Yellow (82%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9743, 65.1607, 69.1435 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 58.9743, 65.1607, 69.1435 by changing the saturation by 10% instead.

■ 58.9743, 65.1607,
69.1435

■ 58.9743, 65.1607,
69.1435

410.7023,
443.3692, 476.2446

■ 42.8387, 47.5914,
50.3561

102.4552,
112.2809, 119.6561

■ 29.9526, 33.5034,
35.3233

130.5311,
142.6005, 152.2185

■ 19.9505, 22.5124,
23.6265

163.3180,
177.9391, 190.2095

■ 12.4671, 14.2339,
14.8471

201.1810,
218.6809, 234.0478

■ 7.1371, 8.2835,
8.5667

244.4856,
265.2105, 284.1520

■ 3.5951, 4.2769,
4.3667

293.5971,

■ 1.4757, 1.8296,

317.9121, 340.9404

1.8286

348.8809,
377.1702, 404.8318

■ 0.3092, 0.5055,
0.4467

■ 0.0000, 0.0000,
0.0000

■ 58.9743, 65.1607,
69.1435

■ 58.9743, 65.1607,
69.1435

■ 52.6454, 62.0223,
63.3185

■ 66.1722, 68.7437,
75.3295

■ 47.1454, 59.3024,
57.8434


■ 74.2662, 72.7798,
81.8787


■ 42.4389, 56.9848,
52.7127


■ 80.4748, 75.8366,
88.6671


■ 38.4859, 55.0489,
47.9191

■ 81.7834, 76.3601,
95.5586


 35.2427, 53.4725,
43.4549


 83.1567, 76.9094,
102.7900

 32.6611, 52.2306,
39.3123

 83.5917, 77.0833,
105.0806

 30.6863, 51.2953,
35.4828

 29.2542, 50.6336,
31.9573

 28.2741, 50.1988,
28.7253

Harmonies

Analogous

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



59.6747, 65.1607, 65.2266



58.9743, 65.1607, 69.1435



59.0566, 65.1607, 73.7136

Triad

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



58.9743, 65.1607, 69.1435



62.8912, 65.1607, 79.6519



64.0104, 65.1607, 64.5998

Complementary

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



58.9743, 65.1607, 69.1435



59.2402, 59.2447, 66.0738

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.



64.9019, 65.1607, 68.2543



58.9743, 65.1607, 69.1435



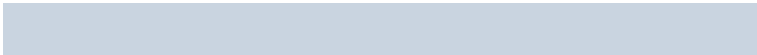
64.2481, 65.1607, 76.9965

Square

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



58.9743, 65.1607, 69.1435



61.2996, 65.1607, 79.9151



64.9896, 65.1607, 72.7855



62.5713, 65.1607, 62.6798

Rectangle

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



58.9743, 65.1607, 69.1435



59.5445, 65.1607, 76.5159



64.9896, 65.1607, 72.7855



64.3851, 65.1607, 65.6587

Sweetspot

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



58.9761, 65.1635, 69.1449



92.8621, 98.9110, 107.0419



59.6955, 65.6720, 62.9567



19.8992, 21.1824, 22.9310



0.0000, 0.0000, 0.0000



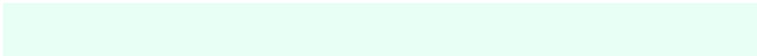
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9761, 65.1635, 69.1449



85.6201, 95.3102, 100.7090



59.4979, 64.7973, 73.6645



12.5657, 14.0173, 14.7935



16.8582, 29.9986, 17.0807



1.0575, 1.8257, 1.2446

Inverse Universe

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



59.2402, 59.2447, 66.0738



86.0631, 85.3823, 95.5577



58.7388, 59.5648, 61.8283



12.6332, 12.5048, 14.0087



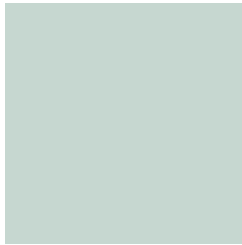
17.8791, 9.0880, 6.6675



1.1190, 0.5644, 0.6160

Previews

White Background



This preview shows how the XYZ color 58.9743, 65.1607, 69.1435 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 58.9743, 65.1607, 69.1435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

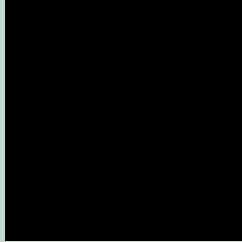
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

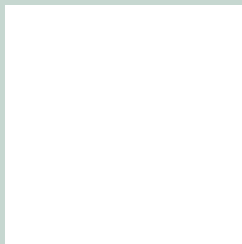
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9743, 65.1607, 69.1435

Background



This preview shows how black text looks on a background with the XYZ color 58.9743, 65.1607, 69.1435.

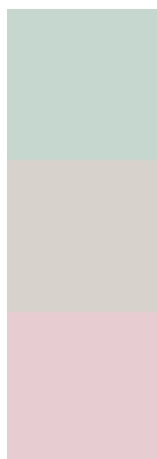


This preview shows how white text looks on a background with the XYZ color 58.9743, 65.1607,

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

58.9743, 65.1607, 69.1435

Protanopia

62.3849, 65.0999, 67.0351

Deuteranopia

66.1807, 64.8278, 69.9977



Tritanopia

61.7737, 65.1616, 83.4504

Trichromacy



Original Color

58.9743, 65.1607, 69.1435

Protanomaly

60.9786, 65.0985, 67.7439

Deuteranomaly

63.2779, 64.7753, 69.4894

Tritanomaly

60.6648, 65.0883, 77.7725

Monochromacy



Original Color

58.9743, 65.1607, 69.1435

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.9797, 64.1711, 69.5466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9743, 65.1607, 69.1435 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(198, 215, 208)` looks like.

```
.text, #text, p{  
    color:rgb(198, 215, 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(198, 215, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 215, 208) }
```

Border

The CSS property to change the border of an element to XYZ 58.9743, 65.1607, 69.1435 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(198, 215, 208) }
```


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

```
.border{ border-color:rgb(198, 215, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 215, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 215, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 215, 208);  
box-shadow:4px 4px 4px 4px rgb(198, 215,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9743, 65.1607, 69.1435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 215, 208) }
```

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

```
.background{ background-color: rgb(198,  
215, 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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