

Converting Colors

XYZ(56.3425, 59.1734, 68.3345)

Have a look what the booklet for
XYZ(56.3425, 59.1734, 68.3345)
contains.

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Color

**XYZ(56.3251, 59.0745,
68.1084)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C8CAD0 |
| RGB | 200, 202, 208 |
| RGB Percent | 78%, 79%, 82% |
| CMY | 0.2157, 0.2078, 0.1843 |
| CMYK | 0.04, 0.03, 0.00, 0.18 |
| HSL | 225°, 8%, 80% |
| HSV | 225°, 4%, 82% |
| XYZ | 56.3251, 59.0745, 68.1084 |
| YIQ | 202.0860, -3.1180, 1.4420 |

Conversions

Conversions Part 2

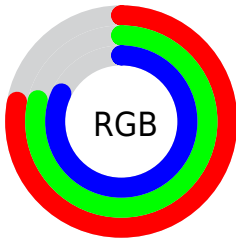
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 200, 202, 208 |
| Decimal | 13159120 |
| CIE Lab | 81.33, 0.44, -3.23 |
| CIE LCh | 81, 3.260, 277.744 |
| Yxy | 59.0745, 0.3069, 0.3219 |
| Android (android.graphics.Color) | 4291349200 (0xFFC8CAD0) |
| YUV | 202.0860, 2.9156, -1.8294 |
| Hunter-Lab | 76.8599, -3.6951, 1.2629 |

Details

The XYZ color **56.3251, 59.0745, 68.1084** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5091, 61.7219, 63.4742**, and the grayscale version is **56.1779, 59.1035, 64.3637**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.2767, 29.6239, 34.7995** is the 20% darker color. If you saturate the color by 10%, you get **47.6685, 49.4542, 66.7086**, and if you desaturate by 10%, it is **66.1105, 69.8287, 69.6693**.

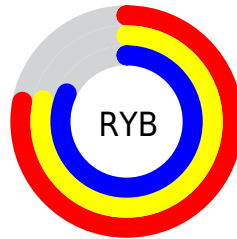
Distribution



Red (78%)

Green (79%)

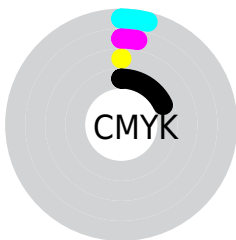
Blue (82%)



Red (78%)

Yellow (79%)

Blue (82%)

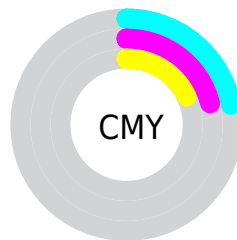


Cyan (4%)

Magenta (3%)

Yellow (0%)

Black (18%)



Cyan (22%)

Magenta (21%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3251, 59.0745, 68.1084 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 56.3251, 59.0745, 68.1084 by changing the saturation by 10% instead.

■ 56.3251, 59.0745,
68.1084

■ 56.3251, 59.0745,
68.1084

400.9707,
421.1779, 472.4885

■ 40.7017, 42.6731,
49.5187

98.6168, 103.4859,
118.1629

■ 28.2727, 29.6287,
34.6626

126.0158,
132.2648, 150.4647

■ 18.6728, 19.5569,
23.1216

158.0706,
165.9382, 188.1744

■ 11.5367, 12.0734,
14.4772

195.1467,
204.8906, 231.7104

■ 6.4990, 6.7937,
8.3108

237.6094,
249.5063, 281.4912

■ 3.1943, 3.3334,
4.2038

285.8241,

■ 1.2573, 1.3082,

300.1699, 337.9355

1.7378

340.1561,
357.2656, 401.4617

■ 0.1509, 0.1475,
0.3865

■ 0.0000, 0.0000,
0.0000

■ 56.3251, 59.0745,
68.1084

■ 56.3251, 59.0745,
68.1084

■ 47.6685, 49.4542,
66.7086

■ 66.1105, 69.8287,
69.6693

■ 40.0943, 40.9228,
65.4611

■ 77.0587, 81.7449,
71.3923

■ 33.5605, 33.4432,
64.3618

■ 86.4326, 93.4286,
73.1535

■ 28.0203, 26.9734,
63.4050

■ 88.3853, 97.3341,
73.8044

■ 23.4231, 21.4685,
62.5847

■ 19.7137, 16.8800,
61.8946

■ 16.8309, 13.1548,
61.3275

■ 14.7051, 10.2338,
60.8757

■ 13.2539, 8.0492,
60.5305

Harmonies

Analogous

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



55.6543, 59.0745, 67.8541



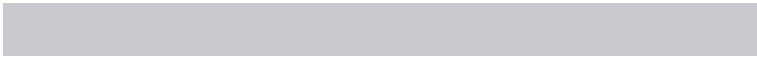
56.3251, 59.0745, 68.1084



56.9536, 59.0745, 67.3320

Triad

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



56.3251, 59.0745, 68.1084



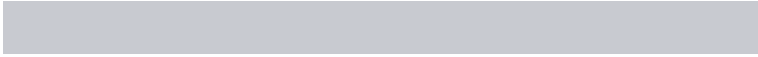
57.1899, 59.0745, 62.0546



54.9459, 59.0745, 62.9128

Complementary

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



56.3251, 59.0745, 68.1084



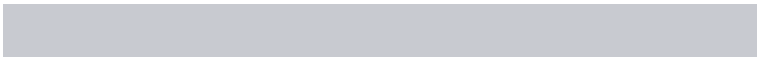
58.5091, 61.7219, 63.4742

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.



55.3511, 59.0745, 61.4032



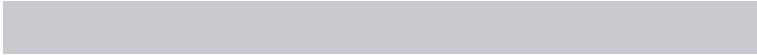
56.3251, 59.0745, 68.1084



56.6457, 59.0745, 60.9148

Square

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



56.3251, 59.0745, 68.1084



57.4555, 59.0745, 63.8183



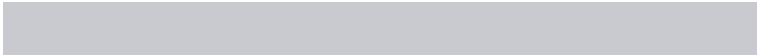
55.9723, 59.0745, 60.6788



54.8616, 59.0745, 64.8285

Rectangle

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



56.3251, 59.0745, 68.1084



57.2627, 59.0745, 66.3435



55.9723, 59.0745, 60.6788



55.0489, 59.0745, 62.3422

Sweetspot

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



56.3268, 59.0770, 68.1097



93.5113, 98.3061, 108.6541



57.5006, 61.8418, 67.2146



20.0315, 21.0594, 23.2590



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.



56.3268, 59.0770, 68.1097



87.5404, 91.7147, 107.6966



56.3614, 58.4015, 67.9775



12.1363, 12.7080, 15.0569



7.9291, 4.5047, 37.6441



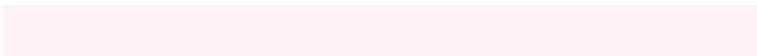
0.5077, 0.3805, 2.1263

Inverse Universe

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



57.3287, 58.9838, 64.2436



89.6157, 91.5328, 99.6855



58.4727, 62.4238, 63.6116



12.4595, 12.6805, 13.8089



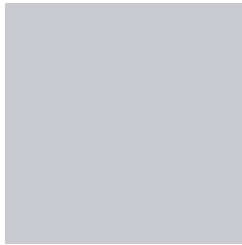
16.6330, 8.5260, 2.9734



0.9625, 0.4897, 0.3372

Previews

White Background



This preview shows how the XYZ color 56.3251, 59.0745, 68.1084 looks on a white background.

Color Contrast Check

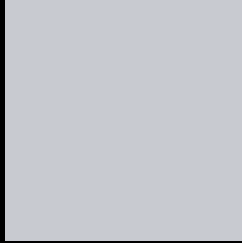
Large Text (above 18pt) WCAG AA × Fail

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 56.3251, 59.0745, 68.1084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

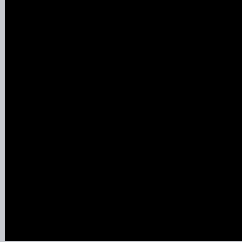
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

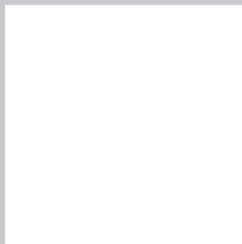
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3251, 59.0745, 68.1084

Background



This preview shows how black text looks on a background with the XYZ color 56.3251, 59.0745, 68.1084.

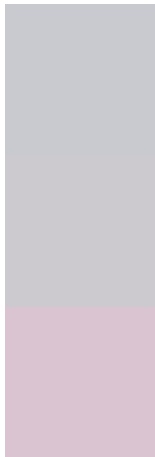


This preview shows how white text looks on a background with the XYZ color 56.3251, 59.0745,

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

56.3251, 59.0745, 68.1084

Protanopia

57.0510, 59.1157, 67.4350

Deuteranopia

60.1620, 58.9887, 68.5367



Tritanopia

57.4984, 59.2005, 74.0420

Trichromacy



Original Color

56.3251, 59.0745, 68.1084

Protanomaly

56.7777, 58.9748, 67.4222

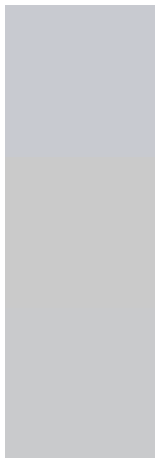
Deuteranomaly

58.5667, 58.8405, 68.5922

Tritanomaly

57.1116, 59.0458, 72.0052

Monochromacy



Original Color

56.3251, 59.0745, 68.1084

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.1070, 59.0182, 65.5612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3251, 59.0745, 68.1084 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(200, 202, 208)` looks like.

```
.text, #text, p{  
    color:rgb(200, 202, 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(200, 202, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 202, 208) }
```

Border

The CSS property to change the border of an element to XYZ 56.3251, 59.0745, 68.1084 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(200, 202, 208) }
```


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

```
.border{ border-color:rgb(200, 202, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 202, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 202, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 202, 208);  
box-shadow:4px 4px 4px 4px rgb(200, 202,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3251, 59.0745, 68.1084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 202, 208) }
```

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

```
.background{ background-color: rgb(200,  
202, 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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