

Converting Colors

XYZ(55.9982, 58.5017, 68.2782)

Have a look what the booklet for
XYZ(55.9982, 58.5017, 68.2782)
contains.

XYZ(56.0912, 58.6067, 68.0304)	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(56.0912, 58.6067,
68.0304)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C9D0
RGB	200, 201, 208
RGB Percent	78%, 79%, 82%
CMY	0.2157, 0.2117, 0.1843
CMYK	0.04, 0.03, 0.00, 0.18
HSL	232°, 8%, 80%
HSV	232°, 4%, 82%
XYZ	56.0912, 58.6067, 68.0304
YIQ	201.4990, -2.8430, 1.9650

Conversions

Conversions Part 2

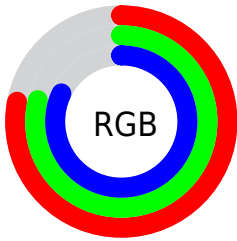
Format	Color
R _Y B	200, 201, 208
Decimal	13158864
CIE Lab	81.07, 0.97, -3.61
CIE LCh	81, 3.736, 285.007
Yxy	58.6067, 0.3070, 0.3207
Android (android.graphics.Color)	4291348944 (0xFFC8C9D0)
YUV	201.4990, 3.2050, -1.3146
Hunter-Lab	76.5550, -3.1859, 0.9006

Details

The XYZ color **56.0912, 58.6067, 68.0304** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7506, 62.2050, 63.5547**, and the grayscale version is **55.8104, 58.7169, 63.9427**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.1205, 29.3115, 34.7474** is the 20% darker color. If you saturate the color by 10%, you get **46.9173, 47.9519, 66.4582**, and if you desaturate by 10%, it is **66.5265, 70.6606, 69.8079**.

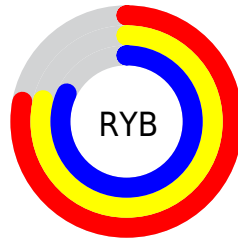
Distribution



Red (78%)

Green (79%)

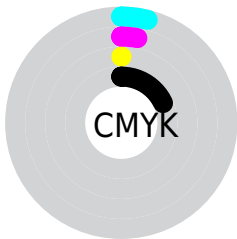
Blue (82%)



Red (78%)

Yellow (79%)

Blue (82%)

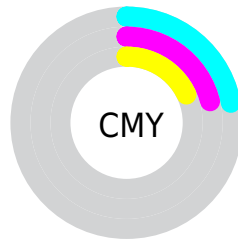


Cyan (4%)

Magenta (3%)

Yellow (0%)

Black (18%)



Cyan (22%)

Magenta (21%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0912, 58.6067, 68.0304 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 56.0912, 58.6067, 68.0304 by changing the saturation by 10% instead.

■ 56.0912, 58.6067,
68.0304

■ 56.0912, 58.6067,
68.0304

400.1046,
419.4428, 472.2047

■ 40.5133, 42.2966,
49.4556

98.2769, 102.8058,
118.0503

■ 28.1250, 29.3336,
34.6129

125.6155,
131.4636, 150.3324

■ 18.5608, 19.3333,
23.0837

157.6051,
165.0061, 188.0208

■ 11.4555, 11.9114,
14.4494

194.6109,
203.8177, 231.5339

■ 6.4436, 6.6834,
8.2916

236.9985,
248.2828, 281.2903

■ 3.1599, 3.2649,
4.1917

285.1330,

■ 1.2389, 1.2715,

298.7858, 337.7086

1.7311

339.3799,
355.7110, 401.2072

■ 0.1367, 0.1190,
0.3819

■ 0.0000, 0.0000,
0.0000

■ 56.0912, 58.6067,
68.0304

■ 56.0912, 58.6067,
68.0304

■ 46.9173, 47.9519,
66.4582

■ 66.5265, 70.6606,
69.8079

■ 38.9520, 38.6381,
65.0803

■ 78.2632, 84.1540,
71.7938

■ 32.1460, 30.6142,
63.8902

■ 88.3853, 97.3341,
73.8044

■ 26.4451, 23.8230,
62.8799

■ 21.7904, 18.2031,
62.0405

■ 18.1174, 13.6875,
61.3624

■ 15.3547, 10.2024,
60.8354

■ 13.4207, 7.6650,
60.4475

■ 12.2188, 5.9789,
60.1854

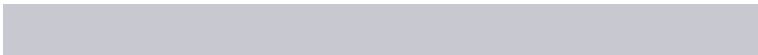
Harmonies

Analogous

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



55.3187, 58.6067, 68.0307



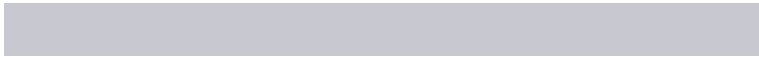
56.0912, 58.6067, 68.0304



56.7659, 58.6067, 66.8823

Triad

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



56.0912, 58.6067, 68.0304



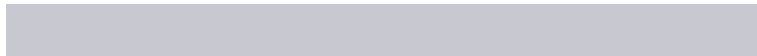
56.7657, 58.6067, 60.8378



54.2748, 58.6067, 62.7135

Complementary

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



56.0912, 58.6067, 68.0304



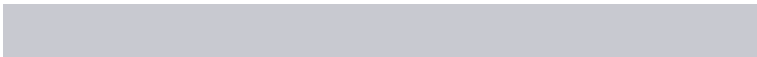
58.7506, 62.2050, 63.5547

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.



54.6552, 58.6067, 60.8385



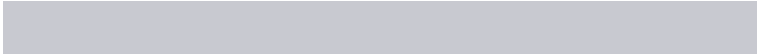
56.0912, 58.6067, 68.0304



56.0909, 58.6067, 59.7728

Square

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



56.0912, 58.6067, 68.0304



57.1578, 58.6067, 62.7125



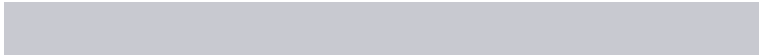
55.3184, 58.6067, 59.7731



54.2749, 58.6067, 64.9258

Rectangle

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



56.0912, 58.6067, 68.0304



57.0674, 58.6067, 65.6355



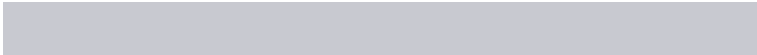
55.3184, 58.6067, 59.7731



54.3623, 58.6067, 62.0240

Sweetspot

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



56.0929, 58.6092, 68.0317



93.4107, 98.1049, 108.6206



57.6305, 61.8938, 67.8989



20.0110, 21.0185, 23.2522



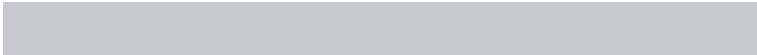
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



56.0929, 58.6092, 68.0317



87.0591, 90.7521, 107.5361



56.6508, 58.5507, 67.9910



12.0616, 12.5586, 15.0320



7.3660, 3.3787, 37.4564



0.4523, 0.2698, 2.1078

Inverse Universe

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



57.2106, 58.9366, 63.6219



89.3728, 91.4357, 98.4063



58.1773, 62.2714, 63.5978



12.4218, 12.6654, 13.6103



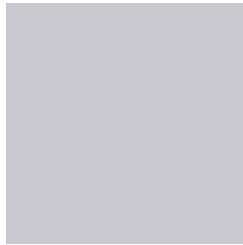
16.3488, 8.4123, 1.4768



0.9345, 0.4785, 0.1901

Previews

White Background



This preview shows how the XYZ color 56.0912, 58.6067, 68.0304 looks on a white background.

Color Contrast Check

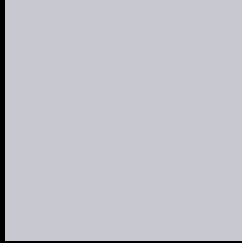
Large Text (above 18pt) WCAG AA × Fail

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 56.0912, 58.6067, 68.0304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

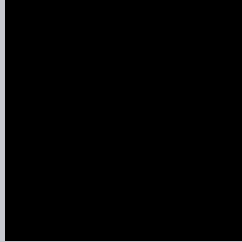
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

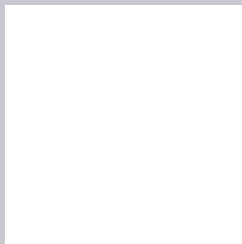
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0912, 58.6067, 68.0304

Background



This preview shows how black text looks on a background with the XYZ color 56.0912, 58.6067, 68.0304.

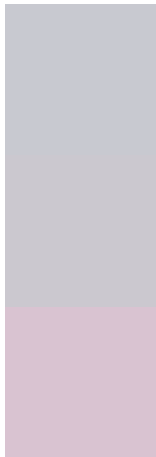


This preview shows how white text looks on a background with the XYZ color 56.0912, 58.6067,

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

56.0912, 58.6067, 68.0304

Protanopia

56.5454, 58.5101, 67.3448

Deuteranopia

59.6390, 58.3854, 68.4478



Tritanopia

57.1363, 58.6839, 73.2815

Trichromacy



Original Color

56.0912, 58.6067, 68.0304

Protanomaly

56.2739, 58.3701, 67.3321

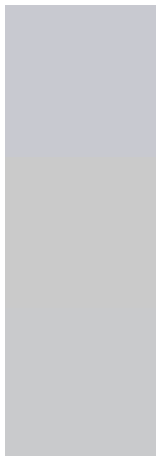
Deuteranomaly

58.3388, 58.3848, 68.5162

Tritanomaly

56.7519, 58.5302, 71.2571

Monochromacy



Original Color

56.0912, 58.6067, 68.0304

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 56.0912, 58.6067, 68.0304 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, 201, 208)` looks like.

```
.text, #text, p{  
    color:rgb(200, 201, 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, 201, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 201, 208) }
```

Border

The CSS property to change the border of an element to XYZ 56.0912, 58.6067, 68.0304 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, 201, 208) }
```


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

```
.border{ border-color:rgb(200, 201, 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, 201, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 201, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 201, 208);  
box-shadow:4px 4px 4px 4px rgb(200, 201,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0912, 58.6067, 68.0304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 201, 208) }
```

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

```
.background{ background-color: rgb(200,  
201, 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](#).

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