

Converting Colors

XYZ(55.9540, 58.4761, 67.0814)

Have a look what the booklet for
XYZ(55.9540, 58.4761, 67.0814)
contains.

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Color

**XYZ(55.9685, 58.5576,
67.3844)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C9CF
RGB	200, 201, 207
RGB Percent	78%, 79%, 81%
CMY	0.2157, 0.2117, 0.1882
CMYK	0.03, 0.03, 0.00, 0.19
HSL	231°, 7%, 80%
HSV	231°, 3%, 81%
XYZ	55.9685, 58.5576, 67.3844
YIQ	201.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

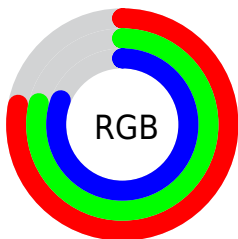
Format	Color
R _Y B	200, 201, 207
Decimal	13158863
CIE Lab	81.05, 0.78, -3.11
CIE LCh	81, 3.209, 284.038
Yxy	58.5576, 0.3077, 0.3219
Android (android.graphics.Color)	4291348943 (0xFFC8C9CF)
YUV	201.3850, 2.7682, -1.2146
Hunter-Lab	76.5229, -3.3611, 1.3566

Details

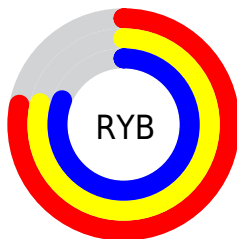
The XYZ color **55.9685, 58.5576, 67.3844** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2288, 61.5775, 63.4611**, and the grayscale version is **55.7421, 58.6450, 63.8644**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.0375, 29.2783, 34.3105** is the 20% darker color. If you saturate the color by 10%, you get **46.9123, 48.1039, 65.8448**, and if you desaturate by 10%, it is **66.2538, 70.3567, 69.1207**.

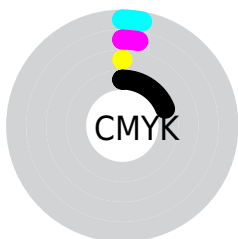
Distribution



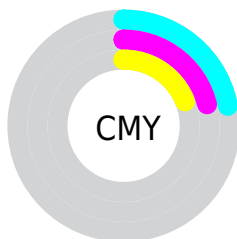
- Red (78%)
- Green (79%)
- Blue (81%)



- Red (78%)
- Yellow (79%)
- Blue (81%)



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (19%)



- Cyan (22%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9685, 58.5576, 67.3844 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 55.9685, 58.5576, 67.3844 by changing the saturation by 10% instead.

■ 55.9685, 58.5576,
67.3844

■ 55.9685, 58.5576,
67.3844

399.6497,
419.2605, 469.8505

■ 40.4146, 42.2571,
48.9335

98.0986, 102.7344,
117.1169

■ 28.0476, 29.3027,
34.2015

125.4055,
131.3795, 149.2356

■ 18.5022, 19.3099,
22.7698

157.3607,
164.9082, 186.7474

■ 11.4130, 11.8944,
14.2200

194.3297,
203.7050, 230.0707

■ 6.4147, 6.6718,
8.1333

236.6777,
248.1542, 279.6241

■ 3.1419, 3.2577,
4.0914

284.7701,

■ 1.2292, 1.2677,

298.6403, 335.8262

1.6756

338.9724,
355.5476, 399.0955

■ 0.1293, 0.1160,
0.3439

■ 0.0000, 0.0000,
0.0000

■ 55.9685, 58.5576,
67.3844

■ 55.9685, 58.5576,
67.3844

■ 46.9123, 48.1039,
65.8448

■ 66.2538, 70.3567,
69.1207

■ 39.0342, 38.9403,
64.4913

■ 77.8067, 83.5390,
71.0562

■ 32.2869, 31.0188,
63.3179

■ 88.0092, 96.7781,
73.0739

■ 26.6181, 24.2855,
62.3170

■ 88.2627, 97.2851,
73.1584

■ 21.9711, 18.6825,
61.4805

■ 18.2842, 14.1471,
60.7994

■ 15.4887, 10.6102,
60.2640

■ 13.5068, 7.9944,
59.8636

■ 12.2462, 6.2102,
59.5856

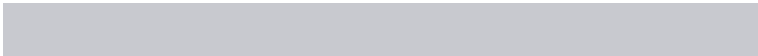
Harmonies

Analogous

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



55.3058, 58.5576, 67.3513



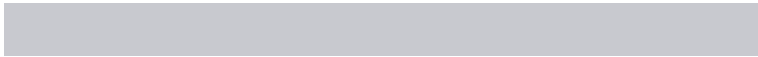
55.9685, 58.5576, 67.3844



56.5523, 58.5576, 66.4327

Triad

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



55.9685, 58.5576, 67.3844



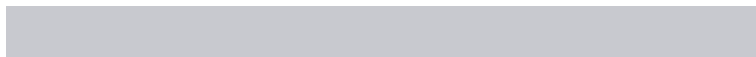
56.5831, 58.5576, 61.2433



54.4349, 58.5576, 62.7559

Complementary

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



55.9685, 58.5576, 67.3844



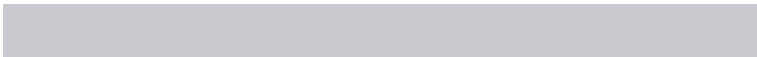
58.2288, 61.5775, 63.4611

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.



54.7717, 58.5576, 61.1586



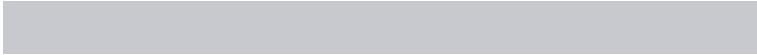
55.9685, 58.5576, 67.3844



56.0102, 58.5576, 60.2972

Square

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



55.9685, 58.5576, 67.3844



56.9090, 58.5576, 62.8736



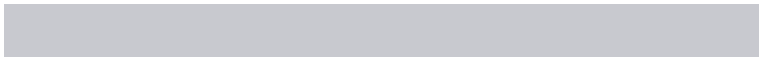
55.3471, 58.5576, 60.2665



54.4239, 58.5576, 64.6532

Rectangle

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



55.9685, 58.5576, 67.3844



56.8167, 58.5576, 65.3786



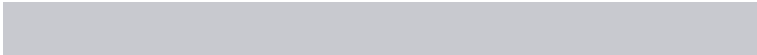
55.3471, 58.5576, 60.2665



54.5136, 58.5576, 62.1669

Sweetspot

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



55.9702, 58.5601, 67.3857



93.4251, 98.1337, 108.6254



57.2676, 61.3598, 67.1869



20.0139, 21.0243, 23.2532



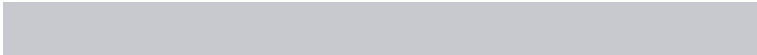
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



55.9702, 58.5601, 67.3857



88.6720, 92.6676, 107.8209



56.3967, 58.4339, 67.3388



12.2717, 12.8097, 15.0694



7.4251, 3.4967, 37.4761



0.4602, 0.2857, 2.1104

Inverse Universe

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



56.9303, 58.7920, 63.6087



90.5067, 93.1138, 100.6023



57.7919, 61.7120, 63.5100



12.5692, 12.8825, 13.8989



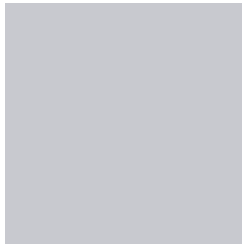
16.3786, 8.4243, 1.6337



0.9385, 0.4801, 0.2111

Previews

White Background



This preview shows how the XYZ color 55.9685, 58.5576, 67.3844 looks on a white background.

Color Contrast Check

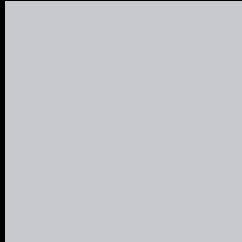
Large Text (above 18pt) WCAG AA × Fail

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 55.9685, 58.5576, 67.3844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

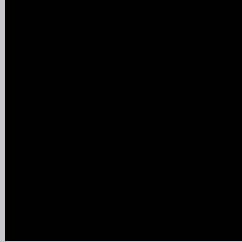
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

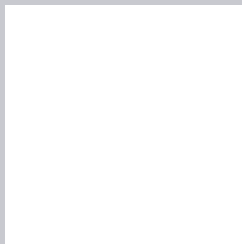
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9685, 58.5576, 67.3844

Background



This preview shows how black text looks on a background with the XYZ color 55.9685, 58.5576, 67.3844.

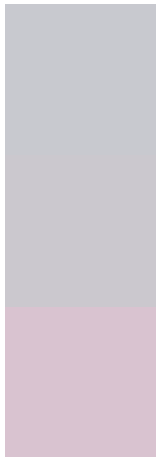


This preview shows how white text looks on a background with the XYZ color 55.9685, 58.5576,

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

55.9685, 58.5576, 67.3844

Protanopia

56.4235, 58.4613, 66.7028

Deuteranopia

59.5155, 58.3360, 67.7977



Tritanopia

57.0074, 58.6324, 72.6025

Trichromacy



Original Color

55.9685, 58.5576, 67.3844

Protanomaly

56.1520, 58.3213, 66.6901

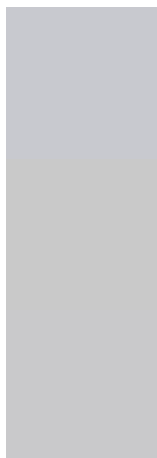
Deuteranomaly

58.2154, 58.3355, 67.8661

Tritanomaly

56.6253, 58.4795, 70.5906

Monochromacy



Original Color

55.9685, 58.5576, 67.3844

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.7535, 58.5026, 64.8535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9685, 58.5576, 67.3844 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, 207) looks like.

```
.text, #text, p{  
    color:rgb(200, 201, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 201, 207) }
```

Border

The CSS property to change the border of an element to XYZ 55.9685, 58.5576, 67.3844 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, 207) }
```


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

```
.border{ border-color:rgb(200, 201, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 201, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 201, 207);  
box-shadow:4px 4px 4px 4px rgb(200, 201,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9685, 58.5576, 67.3844 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, 207) }
```

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

```
.background{ background-color: rgb(200,  
201, 207) }
```

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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