

Converting Colors

XYZ(55.3554, 59.0723, 69.0994)

Have a look what the booklet for
XYZ(55.3554, 59.0723, 69.0994)
contains.

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Color

**XYZ(55.1127, 58.7847,
68.7634)**

Conversions

Conversions Part 1

Format	Color
Hex	C2CBD1
RGB	194, 203, 209
RGB Percent	76%, 80%, 82%
CMY	0.2392, 0.2039, 0.1804
CMYK	0.07, 0.03, 0.00, 0.18
HSL	204°, 14%, 79%
HSV	204°, 7%, 82%
XYZ	55.1127, 58.7847, 68.7634
YIQ	200.9930, -7.2900, -0.0420

Conversions

Conversions Part 2

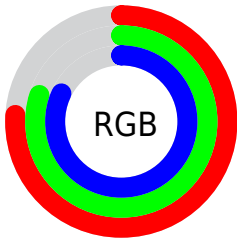
Format	Color
RYB	194, 200, 209
Decimal	12766161
CIELab	81.17, -1.91, -4.05
CIELCh	81, 4.479, 244.774
Yxy	58.7847, 0.3017, 0.3218
Android (android.graphics.Color)	4290956241 (0xFFC2CBD1)
YUV	200.9930, 3.9475, -6.1329
Hunter-Lab	76.6712, -5.8654, 0.4949

Details

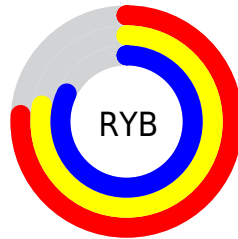
The XYZ color **55.1127, 58.7847, 68.7634** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6865, 58.7583, 59.3937**, and the grayscale version is **55.4940, 58.3840, 63.5802**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **27.4791, 29.4369, 35.2439** is the 20% darker color. If you saturate the color by 10%, you get **48.2014, 52.3726, 67.8909**, and if you desaturate by 10%, it is **62.8881, 65.8034, 69.7092**.

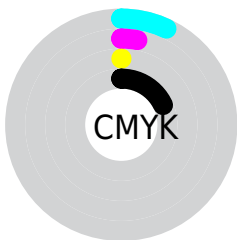
Distribution



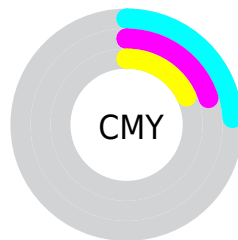
- Red (76%)
- Green (80%)
- Blue (82%)



- Red (76%)
- Yellow (78%)
- Blue (82%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (24%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1127, 58.7847, 68.7634 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 55.1127, 58.7847, 68.7634 by changing the saturation by 10% instead.

■ 55.1127, 58.7847,
68.7634

■ 55.1127, 58.7847,
68.7634

396.4685,
420.1036, 474.8674

■ 39.7262, 42.4398,
50.0485

■ 96.8534, 103.0647,
119.1081

■ 27.5084, 29.4458,
35.0805

123.9383,
131.7686, 151.5750

■ 18.0939, 19.4184,
23.4408

155.6534,
165.3610, 189.4629

■ 11.1175, 11.9730,
14.7110

192.3639,
204.2262, 233.1904

■ 6.2138, 6.7253,
8.4724

234.4354,
248.7487, 283.1761

■ 3.0174, 3.2909,
4.3066

282.2330,

■ 1.1630, 1.2854,

299.3128, 339.8384

1.7950

336.1223,
356.3030, 403.5960

■ 0.0768, 0.1299,
0.4247

■ 0.0000, 0.0000,
0.0000

■ 55.1127, 58.7847,
68.7634

■ 55.1127, 58.7847,
68.7634

■ 48.2014, 52.3726,
67.8909

■ 62.8881, 65.8034,
69.7092

■ 42.1163, 46.5401,
67.0859

■ 71.5537, 73.4397,
70.7265

■ 36.8237, 41.2692,
66.3474

■ 80.5117, 81.3894,
71.7888

■ 32.2859, 36.5377,
65.6733

■ 82.8672, 86.1003,
72.5739

■ 28.4615, 32.3216,
65.0611

■ 85.3353, 91.0365,
73.3966

■ 25.3051, 28.5948,
64.5081

■ 87.9174, 96.2008,
74.2573

■ 22.7654, 25.3281,
64.0114

■ 88.5088, 97.3835,
74.4545

■ 20.7824, 22.4876,
63.5677

■ 19.2765, 20.0293,
63.1725

Harmonies

Analogous

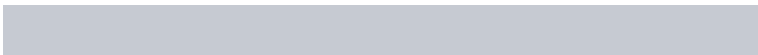
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.4137, 58.7847, 66.9791



55.1127, 58.7847, 68.7634



56.0224, 58.7847, 69.2594

Triad

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



55.1127, 58.7847, 68.7634



57.6783, 58.7847, 63.5802



54.8571, 58.7847, 59.8821

Complementary

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



55.1127, 58.7847, 68.7634



56.6865, 58.7583, 59.3937

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.



55.7240, 58.7847, 59.0263



55.1127, 58.7847, 68.7634



57.3583, 58.7847, 61.1233

Square

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



55.1127, 58.7847, 68.7634



57.5103, 58.7847, 66.2192



56.6404, 58.7847, 59.4743



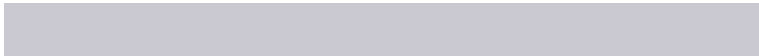
54.2673, 58.7847, 61.8437

Rectangle

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



55.1127, 58.7847, 68.7634



56.6275, 58.7847, 68.7813



56.6404, 58.7847, 59.4743



55.1254, 58.7847, 59.4580

Sweetspot

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



55.1144, 58.7872, 68.7647



92.5515, 97.7515, 108.5977



55.4456, 61.2297, 63.3876



19.8360, 20.9465, 23.2476



0.0000, 0.0000, 0.0000



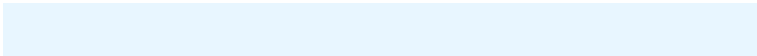
20.3446, 21.4041, 23.3091

Same Dimension

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



55.1144, 58.7872, 68.7647



84.2475, 90.1893, 107.5757



53.4413, 55.4409, 68.2070



11.7453, 12.5809, 15.0530



11.7512, 12.1491, 38.9181



0.7336, 0.8323, 2.2016

Inverse Universe

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



56.3671, 56.4518, 64.4283



86.7184, 85.6445, 99.0086



58.4064, 62.1982, 59.9670



12.1024, 11.9257, 13.8148



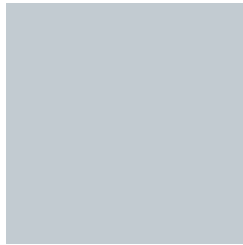
18.5622, 9.2977, 13.1326



1.0765, 0.5353, 0.9377

Previews

White Background



This preview shows how the XYZ color 55.1127, 58.7847, 68.7634 looks on a white background.

Color Contrast Check

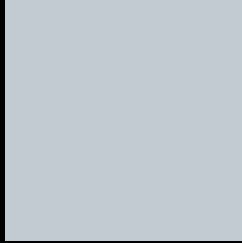
Large Text (above 18pt) WCAG AA × Fail

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 55.1127, 58.7847, 68.7634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

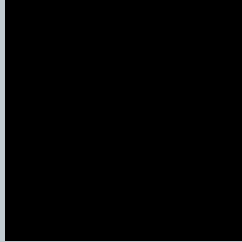
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

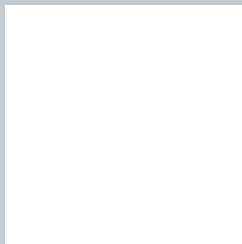
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1127, 58.7847, 68.7634

Background



This preview shows how black text looks on a background with the XYZ color 55.1127, 58.7847, 68.7634.

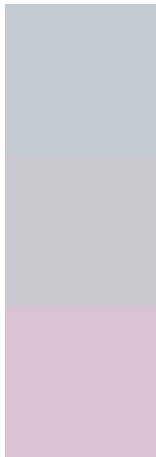


This preview shows how white text looks on a background with the XYZ color 55.1127, 58.7847,

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

55.1127, 58.7847, 68.7634

Protanopia

56.5454, 58.5101, 67.3448

Deuteranopia

59.8882, 58.4851, 69.7603



Tritanopia

56.2811, 58.9051, 74.7332

Trichromacy



Original Color

55.1127, 58.7847, 68.7634

Protanomaly

56.0912, 58.6067, 68.0304

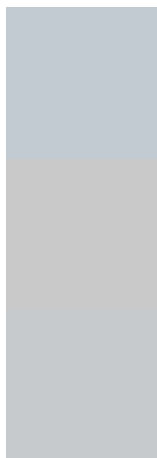
Deuteranomaly

58.1214, 58.5966, 69.2197

Tritanomaly

55.8919, 58.7495, 72.6839

Monochromacy



Original Color

55.1127, 58.7847, 68.7634

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.3083, 58.6065, 65.5239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1127, 58.7847, 68.7634 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(194, 203, 209) looks like.

```
.text, #text, p{  
    color:rgb(194, 203, 209)  
}
```

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(194, 203, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 203, 209) }
```

Border

The CSS property to change the border of an element to XYZ 55.1127, 58.7847, 68.7634 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(194, 203, 209) }
```


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

```
.border{ border-color:rgb(194, 203, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 203, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 203, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 203, 209);  
box-shadow:4px 4px 4px 4px rgb(194, 203,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1127, 58.7847, 68.7634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 203, 209) }
```

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

```
.background{ background-color: rgb(194,  
203, 209) }
```

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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