

Converting Colors

XYZ(55.4362, 58.4271, 68.7427)

Have a look what the booklet for
XYZ(55.4362, 58.4271, 68.7427)
contains.

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Color

**XYZ(55.6551, 58.7148,
68.7214)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CAD1
RGB	197, 202, 209
RGB Percent	77%, 79%, 82%
CMY	0.2274, 0.2078, 0.1804
CMYK	0.06, 0.03, 0.00, 0.18
HSL	215°, 12%, 80%
HSV	215°, 6%, 82%
XYZ	55.6551, 58.7148, 68.7214
YIQ	201.3030, -5.2270, 1.1170

Conversions

Conversions Part 2

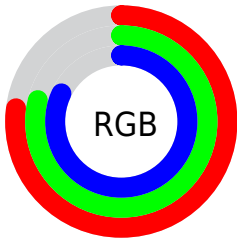
Format	Color
RYB	197, 201, 209
Decimal	12962513
CIELab	81.13, -0.38, -4.08
CIELCh	81, 4.101, 264.692
Yxy	58.7148, 0.3040, 0.3207
Android (android.graphics.Color)	4291152593 (0xFFC5CAD1)
YUV	201.3030, 3.7946, -3.7737
Hunter-Lab	76.6256, -4.4457, 0.4639

Details

The XYZ color **55.6551, 58.7148, 68.7214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9656, 60.7718, 61.4993**, and the grayscale version is **55.6862, 58.5862, 63.8004**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **27.8340, 29.3860, 35.2154** is the 20% darker color. If you saturate the color by 10%, you get **47.8104, 50.5937, 67.5682**, and if you desaturate by 10%, it is **64.4878, 67.6837, 69.9879**.

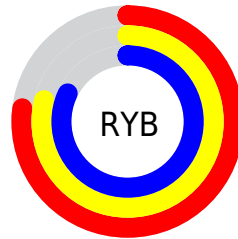
Distribution



Red (77%)

Green (79%)

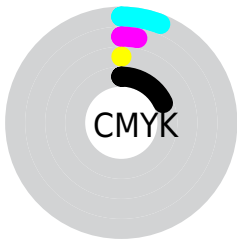
Blue (82%)



Red (77%)

Yellow (79%)

Blue (82%)

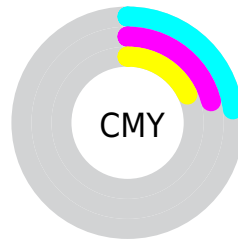


Cyan (6%)

Magenta (3%)

Yellow (0%)

Black (18%)



Cyan (23%)

Magenta (21%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6551, 58.7148, 68.7214 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 55.6551, 58.7148, 68.7214 by changing the saturation by 10% instead.

■ 55.6551, 58.7148,
68.7214

■ 55.6551, 58.7148,
68.7214

398.4865,
419.8442, 474.7150

■ 40.1624, 42.3836,
50.0145

97.6429, 102.9630,
119.0475

■ 27.8499, 29.4018,
35.0537

124.8686,
131.6489, 151.5038

■ 18.3525, 19.3850,
23.4203

156.7361,
165.2216, 189.3803

■ 11.3045, 11.9488,
14.6960

193.6106,
204.0658, 233.0956

■ 6.3409, 6.7088,
8.4620

235.8575,
248.5658, 283.0682

■ 3.0961, 3.2807,
4.3000

283.8423,

■ 1.2048, 1.2800,

299.1059, 339.7166

1.7913

337.9302,
356.0706, 403.4593

■ 0.1101, 0.1256,
0.4222

■ 0.0000, 0.0000,
0.0000

■ 55.6551, 58.7148,
68.7214

■ 55.6551, 58.7148,
68.7214

■ 47.8104, 50.5937,
67.5682

■ 64.4878, 67.6837,
69.9879

■ 40.9123, 43.2866,
66.5214

■ 74.3376, 77.5179,
71.3670

■ 34.9241, 36.7680,
65.5788

■ 83.4877, 87.3413,
72.7808

■ 29.8043, 31.0084,
64.7369

■ 87.1679, 94.7017,
74.0076

■ 25.5083, 25.9760,
63.9920

■ 88.5088, 97.3835,
74.4545

■ 21.9870, 21.6366,
63.3400

■ 19.1854, 17.9525,
62.7765

■ 17.0406, 14.8810,
62.2967

■ 15.4758, 12.3722,
61.8950

Harmonies

Analogous

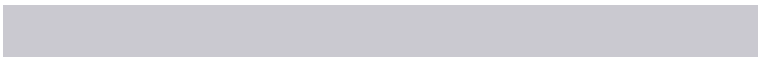
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.8643, 58.7148, 67.8399



55.6551, 58.7148, 68.7214



56.4945, 58.7148, 68.2928

Triad

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



55.6551, 58.7148, 68.7214



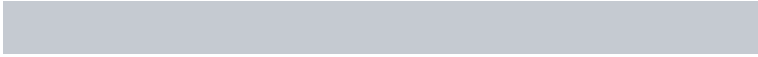
57.3098, 58.7148, 61.9887



54.4792, 58.7148, 61.2544

Complementary

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



55.6551, 58.7148, 68.7214



57.9656, 60.7718, 61.4993

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.



55.1245, 58.7148, 59.7579



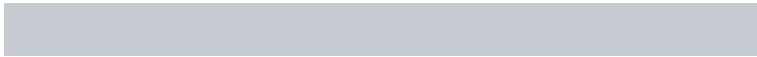
55.6551, 58.7148, 68.7214



56.7598, 58.7148, 60.1742

Square

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



55.6551, 58.7148, 68.7214



57.4554, 58.7148, 64.3659



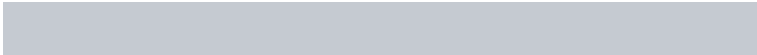
55.9585, 58.7148, 59.3675



54.1898, 58.7148, 63.4970

Rectangle

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



55.6551, 58.7148, 68.7214



56.9679, 58.7148, 67.3274



55.9585, 58.7148, 59.3675



54.6613, 58.7148, 60.6497

Sweetspot

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



55.6568, 58.7173, 68.7227



92.2572, 97.1629, 108.4996



56.7025, 61.8223, 65.9464



19.7761, 20.8267, 23.2276



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.



55.6568, 58.7173, 68.7227



85.5543, 90.3087, 107.5299



54.7118, 56.5156, 68.3475



11.8961, 12.5594, 15.0409



9.2966, 7.2398, 38.0999



0.5974, 0.5599, 2.1562

Inverse Universe

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



56.9227, 57.7532, 64.0273



87.9869, 88.4830, 98.5016



58.9482, 63.0721, 61.8915



12.2573, 12.2896, 13.6999



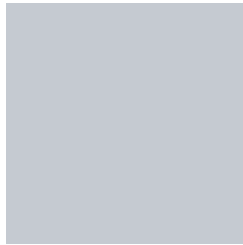
17.3232, 8.8021, 6.6083



1.0078, 0.5078, 0.5757

Previews

White Background



This preview shows how the XYZ color 55.6551, 58.7148, 68.7214 looks on a white background.

Color Contrast Check

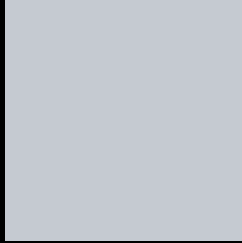
Large Text (above 18pt) WCAG AA × Fail

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 55.6551, 58.7148, 68.7214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

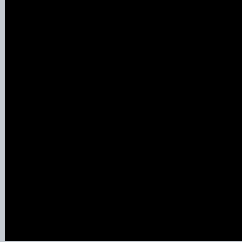
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

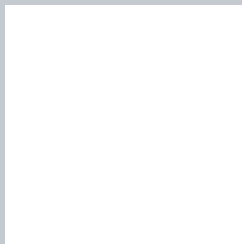
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6551, 58.7148, 68.7214

Background



This preview shows how black text looks on a background with the XYZ color 55.6551, 58.7148, 68.7214.

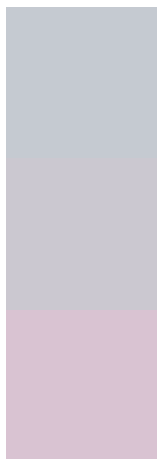


This preview shows how white text looks on a background with the XYZ color 55.6551, 58.7148,

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

55.6551, 58.7148, 68.7214

Protanopia

56.6680, 58.5591, 67.9908

Deuteranopia

59.7632, 58.4351, 69.1020



Tritanopia

56.6997, 58.7888, 74.0046

Trichromacy



Original Color

55.6551, 58.7148, 68.7214

Protanomaly

56.3592, 58.7449, 68.0430

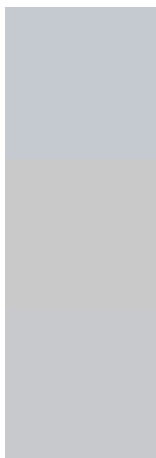
Deuteranomaly

58.4053, 58.7429, 69.2330

Tritanomaly

56.3129, 58.6341, 71.9678

Monochromacy



Original Color

55.6551, 58.7148, 68.7214

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.6051, 58.4123, 65.4707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6551, 58.7148, 68.7214 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(197, 202, 209)` looks like.

```
.text, #text, p{  
    color:rgb(197, 202, 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(197, 202, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 202, 209) }
```

Border

The CSS property to change the border of an element to XYZ 55.6551, 58.7148, 68.7214 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(197, 202, 209) }
```


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

```
.border{ border-color:rgb(197, 202, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 202, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 202, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 202, 209);  
box-shadow:4px 4px 4px 4px rgb(197, 202,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6551, 58.7148, 68.7214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 202, 209) }
```

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

```
.background{ background-color: rgb(197,  
202, 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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