

Converting Colors

XYZ(55.3974, 58.3527, 68.7300)

Have a look what the booklet for
XYZ(55.3974, 58.3527, 68.7300)
contains.

XYZ(55.4212, 58.2471, 68.6434)	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(55.4212, 58.2471,
68.6434)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C9D1
RGB	197, 201, 209
RGB Percent	77%, 79%, 82%
CMY	0.2274, 0.2117, 0.1804
CMYK	0.06, 0.04, 0.00, 0.18
HSL	220°, 12%, 80%
HSV	220°, 6%, 82%
XYZ	55.4212, 58.2471, 68.6434
YIQ	200.7160, -4.9520, 1.6400

Conversions

Conversions Part 2

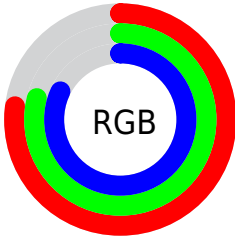
Format	Color
RYB	197, 200, 209
Decimal	12962257
CIELab	80.88, 0.15, -4.46
CIELCh	81, 4.467, 271.905
Yxy	58.2471, 0.3040, 0.3195
Android (android.graphics.Color)	4291152337 (0xFFC5C9D1)
YUV	200.7160, 4.0840, -3.2589
Hunter-Lab	76.3198, -3.9381, 0.0974

Details

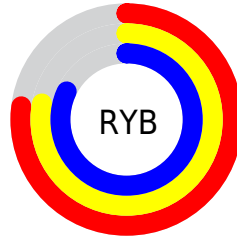
The XYZ color **55.4212, 58.2471, 68.6434** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2039, 61.2484, 61.5786**, and the grayscale version is **55.3207, 58.2017, 63.3816**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **27.6778, 29.0736, 35.1633** is the 20% darker color. If you saturate the color by 10%, you get **47.2230, 49.4190, 67.3724**, and if you desaturate by 10%, it is **64.6760, 68.0601, 70.0506**.

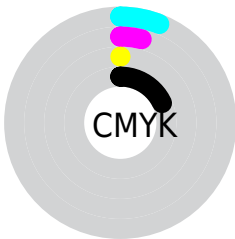
Distribution



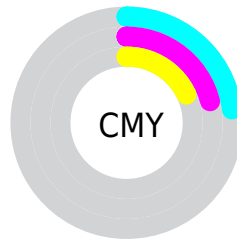
- Red (77%)
- Green (79%)
- Blue (82%)



- Red (77%)
- Yellow (78%)
- Blue (82%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (23%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4212, 58.2471, 68.6434 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 55.4212, 58.2471, 68.6434 by changing the saturation by 10% instead.

■ 55.4212, 58.2471,
68.6434

■ 55.4212, 58.2471,
68.6434

397.6171,
418.1061, 474.4321

■ 39.9742, 42.0073,
49.9514

97.3025, 102.2826,
118.9350

■ 27.7026, 29.1070,
35.0039

124.4676,
130.8471, 151.3717

■ 18.2409, 19.1618,
23.3823

156.2694,
164.2887, 189.2270

■ 11.2238, 11.7873,
14.6681

193.0733,
202.9917, 232.9195

■ 6.2860, 6.5990,
8.4427

235.2447,
247.3406, 282.8677

■ 3.0620, 3.2126,
4.2877

283.1489,

■ 1.1867, 1.2437,

297.7196, 339.4902

1.7845

337.1512,
354.5133, 403.2055

■ 0.0958, 0.0970,
0.4177

■ 0.0000, 0.0000,
0.0000

■ 55.4212, 58.2471,
68.6434

■ 55.4212, 58.2471,
68.6434

■ 47.2230, 49.4190,
67.3724

■ 64.6760, 68.0601,
70.0506

■ 40.0374, 41.5368,
66.2297

■ 75.0189, 78.8806,
71.5941

■ 33.8248, 34.5696,
65.2123

■ 84.7356, 89.8372,
73.1968

■ 28.5412, 28.4821,
64.3158

■ 88.5088, 97.3835,
74.4545

■ 24.1385, 23.2364,
63.5353

■ 20.5644, 18.7915,
62.8658

■ 17.7605, 15.1025,
62.3015

■ 15.6598, 12.1193,
61.8364

■ 14.1812, 9.7830,
61.4634

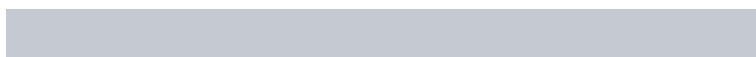
Harmonies

Analogous

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



54.5297, 58.2471, 68.0163



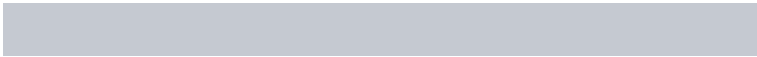
55.4212, 58.2471, 68.6434



56.3064, 58.2471, 67.8392

Triad

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



55.4212, 58.2471, 68.6434



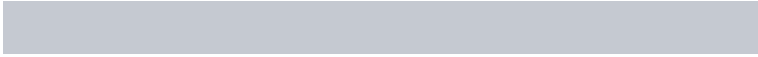
56.8840, 58.2471, 60.7700



53.8096, 58.2471, 61.0552

Complementary

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



55.4212, 58.2471, 68.6434



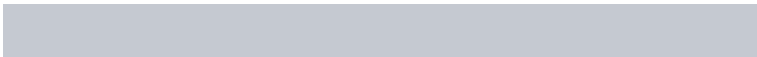
58.2039, 61.2484, 61.5786

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.



54.4285, 58.2471, 59.1993



55.4212, 58.2471, 68.6434



56.2030, 58.2471, 59.0379

Square

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



55.4212, 58.2471, 68.6434



57.1567, 58.2471, 63.2522



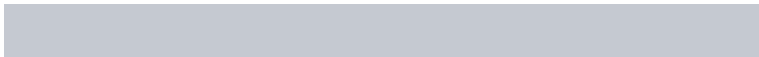
55.3031, 58.2471, 58.4708



53.6055, 58.2471, 63.5905

Rectangle

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



55.4212, 58.2471, 68.6434



56.7720, 58.2471, 66.6123



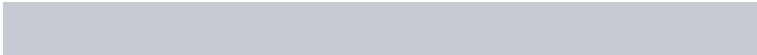
55.3031, 58.2471, 58.4708



53.9757, 58.2471, 60.3336

Sweetspot

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



55.4229, 58.2496, 68.6447



92.1239, 96.8963, 108.4551



56.8226, 61.8703, 66.5793



19.7490, 20.7724, 23.2185



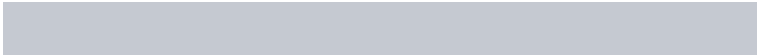
0.0000, 0.0000, 0.0000



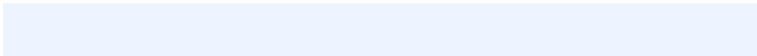
20.3446, 21.4041, 23.3091

Same Dimension

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



55.4229, 58.2496, 68.6447



85.1072, 89.4145, 107.3808



54.9759, 56.6516, 68.3598



11.8298, 12.4268, 15.0188



8.5173, 5.6812, 37.8402



0.5486, 0.4624, 2.1399

Inverse Universe

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



56.8046, 57.7059, 63.4058



87.7612, 88.3927, 97.3133



58.6674, 62.9273, 61.8782



12.2238, 12.2762, 13.5238



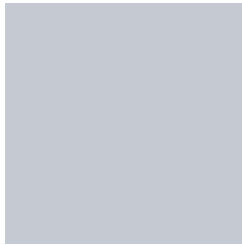
16.9299, 8.6448, 4.5368



0.9832, 0.4980, 0.4461

Previews

White Background



This preview shows how the XYZ color 55.4212, 58.2471, 68.6434 looks on a white background.

Color Contrast Check

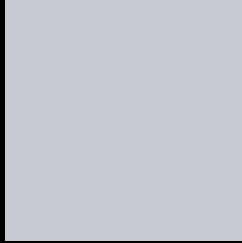
Large Text (above 18pt) WCAG AA × Fail

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 55.4212, 58.2471, 68.6434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

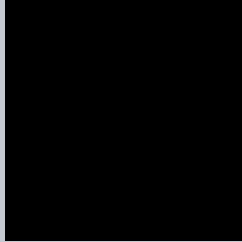
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

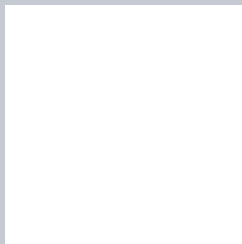
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4212, 58.2471, 68.6434

Background



This preview shows how black text looks on a background with the XYZ color 55.4212, 58.2471, 68.6434.

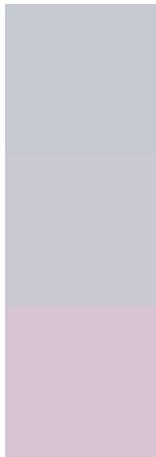


This preview shows how white text looks on a background with the XYZ color 55.4212, 58.2471,

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

55.4212, 58.2471, 68.6434

Protanopia

56.3966, 58.4192, 67.9781

Deuteranopia

59.4669, 58.2823, 69.0881



Tritanopia

56.3376, 58.2722, 73.2441

Trichromacy



Original Color

55.4212, 58.2471, 68.6434

Protanomaly

55.8589, 58.1420, 67.9530

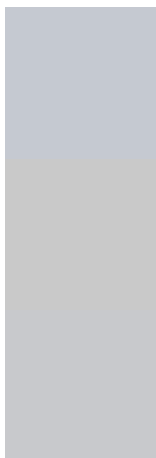
Deuteranomaly

57.8936, 58.1410, 69.1438

Tritanomaly

55.9532, 58.1184, 71.2197

Monochromacy



Original Color

55.4212, 58.2471, 68.6434

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 55.4212, 58.2471, 68.6434 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, 201, 209)` looks like.

```
.text, #text, p{  
    color:rgb(197, 201, 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, 201, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 201, 209) }
```

Border

The CSS property to change the border of an element to XYZ 55.4212, 58.2471, 68.6434 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, 201, 209) }
```


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

```
.border{ border-color:rgb(197, 201, 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, 201, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 201, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 201, 209);  
box-shadow:4px 4px 4px 4px rgb(197, 201,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4212, 58.2471, 68.6434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 201, 209) }
```

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

```
.background{ background-color: rgb(197,  
201, 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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