

Converting Colors

XYZ(55.8701, 58.5095, 69.1636)

Have a look what the booklet for
XYZ(55.8701, 58.5095, 69.1636)
contains.

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Color

**XYZ(55.8082, 58.4322,
69.3099)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C9D2
RGB	198, 201, 210
RGB Percent	78%, 79%, 82%
CMY	0.2235, 0.2117, 0.1765
CMYK	0.06, 0.04, 0.00, 0.18
HSL	225°, 12%, 80%
HSV	225°, 6%, 82%
XYZ	55.8082, 58.4322, 69.3099
YIQ	201.1290, -4.6770, 2.1630

Conversions

Conversions Part 2

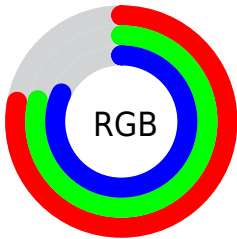
Format	Color
R _Y B	198, 200, 210
Decimal	13027794
CIE Lab	80.98, 0.68, -4.84
CIE LCh	81, 4.888, 277.958
Yxy	58.4322, 0.3040, 0.3183
Android (android.graphics.Color)	4291217874 (0xFFC6C9D2)
YUV	201.1290, 4.3734, -2.7441
Hunter-Lab	76.4410, -3.4520, -0.2503

Details

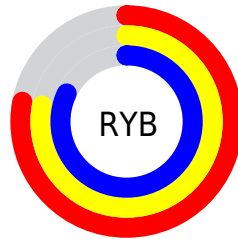
The XYZ color **55.8082, 58.4322, 69.3099** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.0844, 62.4039, 62.3581**, and the grayscale version is **55.5746, 58.4688, 63.6725**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.9361, 29.1970, 35.6157** is the 20% darker color. If you saturate the color by 10%, you get **47.1683, 48.8074, 67.9084**, and if you desaturate by 10%, it is **65.5952, 69.2101, 70.8753**.

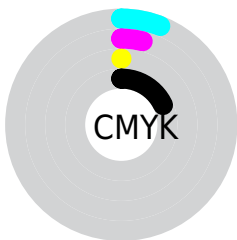
Distribution



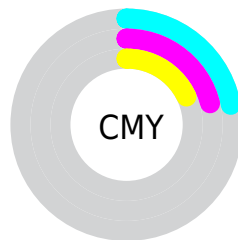
- Red (78%)
- Green (79%)
- Blue (82%)



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



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



- Cyan (22%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8082, 58.4322, 69.3099 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 55.8082, 58.4322, 69.3099 by changing the saturation by 10% instead.

■ 55.8082, 58.4322,
69.3099

■ 55.8082, 58.4322,
69.3099

399.0550,
418.7945, 476.8467

■ 40.2856, 42.1562,
50.4908

97.8655, 102.5520,
119.8960

■ 27.9465, 29.2236,
35.4296

125.1309,
131.1645, 152.5000

■ 18.4256, 19.2501,
23.7078

157.0413,
164.6581, 190.5361

■ 11.3575, 11.8511,
14.9068

193.9620,
203.4170, 234.4229

■ 6.3769, 6.6424,
8.6081

236.2583,
247.8258, 284.5788

■ 3.1184, 3.2395,
4.3932

284.2957,

■ 1.2167, 1.2580,

298.2686, 341.4223

1.8434

338.4395,
355.1301, 405.3721

■ 0.1195, 0.1083,
0.4564

■ 0.0000, 0.0000,
0.0000

■ 55.8082, 58.4322,
69.3099

■ 55.8082, 58.4322,
69.3099

■ 47.1683, 48.8074,
67.9084

■ 65.5952, 69.2101,
70.8753

■ 39.6277, 40.2895,
66.6617

■ 76.5646, 81.1704,
72.6057

■ 33.1428, 32.8399,
65.5656

■ 86.5137, 93.1946,
74.4023

■ 27.6649, 26.4153,
64.6142

■ 88.6330, 97.4332,
75.1087

■ 23.1415, 20.9689,
63.8014

■ 19.5152, 16.4502,
63.1203

■ 16.7217, 12.8039,
62.5637

■ 14.6878, 9.9680,
62.1235

■ 13.3253, 7.8706,
61.7905

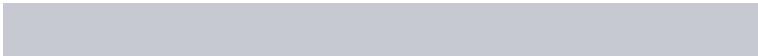
Harmonies

Analogous

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



54.8101, 58.4322, 68.9357



55.8082, 58.4322, 69.3099



56.7450, 58.4322, 68.1240

Triad

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



55.8082, 58.4322, 69.3099



57.0883, 58.4322, 60.2523



53.7518, 58.4322, 61.5517

Complementary

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



55.8082, 58.4322, 69.3099



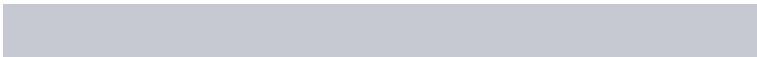
59.0844, 62.4039, 62.3581

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.



54.3484, 58.4322, 59.3242



55.8082, 58.4322, 69.3099



56.2724, 58.4322, 58.5900

Square

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



55.8082, 58.4322, 69.3099



57.4899, 58.4322, 62.8534



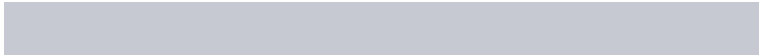
55.2688, 58.4322, 58.2555



53.6309, 58.4322, 64.3983

Rectangle

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



55.8082, 58.4322, 69.3099



57.2058, 58.4322, 66.6290



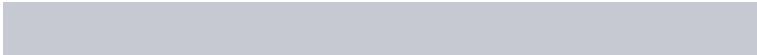
55.2688, 58.4322, 58.2555



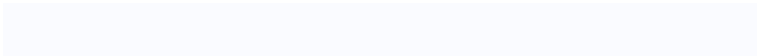
53.9030, 58.4322, 60.7083

Sweetspot

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



55.8099, 58.4347, 69.3112



91.9908, 96.6301, 108.4108



57.5743, 62.5951, 67.9519



19.7219, 20.7182, 23.2095



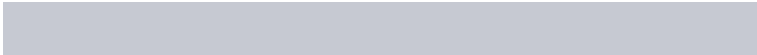
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



55.8099, 58.4347, 69.3112



84.6635, 88.5270, 107.2329



55.8615, 57.4321, 69.1149



11.7640, 12.2953, 14.9969



7.9281, 4.5028, 37.6438



0.5076, 0.3804, 2.1262

Inverse Universe

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



57.3163, 58.3080, 63.4949



87.5372, 88.3031, 96.1338



59.0286, 63.4656, 62.5660



12.1907, 12.2629, 13.3490



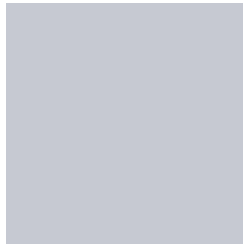
16.6325, 8.5258, 2.9708



0.9624, 0.4897, 0.3370

Previews

White Background



This preview shows how the XYZ color 55.8082, 58.4322, 69.3099 looks on a white background.

Color Contrast Check

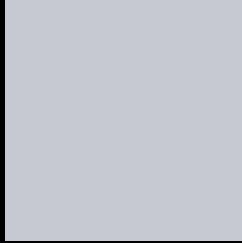
Large Text (above 18pt) WCAG AA × Fail

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 55.8082, 58.4322, 69.3099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

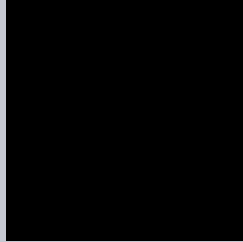
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

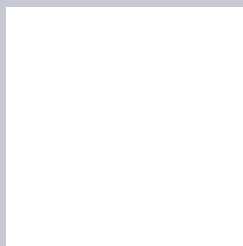
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.8082, 58.4322, 69.3099

Background



This preview shows how black text looks on a background with the XYZ color 55.8082, 58.4322, 69.3099.

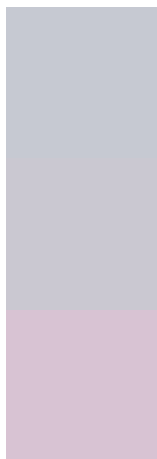


This preview shows how white text looks on a background with the XYZ color 55.8082, 58.4322,

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

55.8082, 58.4322, 69.3099

Protanopia

56.5200, 58.4686, 68.6282

Deuteranopia

59.5919, 58.3323, 69.7464



Tritanopia

56.6021, 58.4085, 73.2565

Trichromacy



Original Color

55.8082, 58.4322, 69.3099

Protanomaly

56.2503, 58.3295, 68.6156

Deuteranomaly

58.0186, 58.1910, 69.8021

Tritanomaly

56.3451, 58.3057, 71.9028

Monochromacy



Original Color

55.8082, 58.4322, 69.3099

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 55.8082, 58.4322, 69.3099 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(198, 201, 210)` looks like.

```
.text, #text, p{  
    color:rgb(198, 201, 210)  
}
```

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(198, 201, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 201, 210) }
```

Border

The CSS property to change the border of an element to XYZ 55.8082, 58.4322, 69.3099 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(198, 201, 210) }
```


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

```
.border{ border-color:rgb(198, 201, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 201, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 201, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 201, 210);  
box-shadow:4px 4px 4px 4px rgb(198, 201,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8082, 58.4322, 69.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 201, 210) }
```

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

```
.background{ background-color: rgb(198,  
201, 210) }
```

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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