

Converting Colors

XYZ(55.6648, 58.6038, 70.9618)

Have a look what the booklet for
XYZ(55.6648, 58.6038, 70.9618)
contains.

XYZ(55.7691, 58.7303, 70.6841)	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(55.7691, 58.7303,
70.6841)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CAD4
RGB	196, 202, 212
RGB Percent	77%, 79%, 83%
CMY	0.2314, 0.2078, 0.1686
CMYK	0.08, 0.05, 0.00, 0.17
HSL	217°, 16%, 80%
HSV	217°, 8%, 83%
XYZ	55.7691, 58.7303, 70.6841
YIQ	201.3460, -6.7860, 1.8380

Conversions

Conversions Part 2

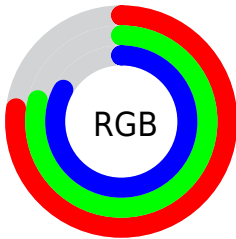
Format	Color
R_{YB}	196, 200, 212
Decimal	12896980
CIE Lab	81.14, -0.13, -5.69
CIE LCh	81, 5.688, 268.682
Yxy	58.7303, 0.3012, 0.3171
Android (android.graphics.Color)	4291087060 (0xFFC4CAD4)
YUV	201.3460, 5.2524, -4.6884
Hunter-Lab	76.6357, -4.2150, -1.0405

Details

The XYZ color **55.7691, 58.7303, 70.6841** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1866, 62.1245, 61.0972**, and the grayscale version is **55.7048, 58.6058, 63.8217**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **27.8310, 29.3649, 36.0994** is the 20% darker color. If you saturate the color by 10%, you get **47.6643, 50.1362, 69.4533**, and if you desaturate by 10%, it is **64.9233, 68.2647, 72.0428**.

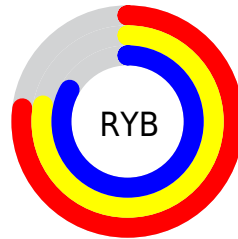
Distribution



Red (77%)

Green (79%)

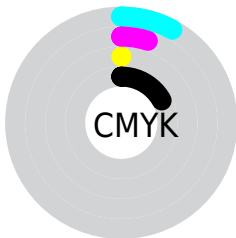
Blue (83%)



Red (77%)

Yellow (78%)

Blue (83%)

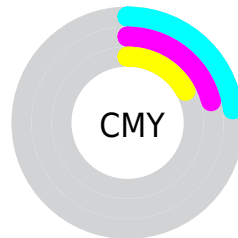


Cyan (8%)

Magenta (5%)

Yellow (0%)

Black (17%)



Cyan (23%)

Magenta (21%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7691, 58.7303, 70.6841 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 55.7691, 58.7303, 70.6841 by changing the saturation by 10% instead.

■ 55.7691, 58.7303,
70.6841

■ 55.7691, 58.7303,
70.6841

398.9099,
419.9017, 481.8022

■ 40.2541, 42.3961,
51.6042

97.8087, 102.9856,
121.8741

■ 27.9218, 29.4115,
36.3096

125.0639,
131.6754, 154.8212

■ 18.4069, 19.3924,
24.3818

156.9634,
165.2525, 193.2278

■ 11.3440, 11.9541,
15.4023

193.8723,
204.1014, 237.5125

■ 6.3677, 6.7125,
8.9525

236.1560,
248.6063, 288.0937

■ 3.1127, 3.2829,
4.6138

284.1800,

■ 1.2136, 1.2812,

299.1518, 345.3901

1.9678

338.3095,
356.1221, 409.8200

■ 0.1171, 0.1266,
0.5353

■ 0.0000, 0.0000,
0.0000

■ 55.7691, 58.7303,
70.6841

■ 55.7691, 58.7303,
70.6841

■ 47.6643, 50.1362,
69.4533

■ 64.9233, 68.2647,
72.0428

■ 40.5646, 42.4447,
68.3429

■ 75.1588, 78.7604,
73.5293

■ 34.4300, 35.6266,
67.3502

■ 84.7991, 89.3641,
75.0679

■ 29.2156, 29.6480,
66.4711

■ 88.8798, 97.5255,
76.4281

■ 24.8731, 24.4727,
65.7010

■ 88.8838, 97.5335,
76.4294

■ 21.3489, 20.0613,
65.0353

■ 18.5831, 16.3705,
64.4687

■ 16.5066, 13.3514,
63.9954

■ 15.0264, 10.9421,
63.6083

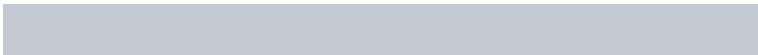
Harmonies

Analogous

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



54.6473, 58.7303, 69.6760



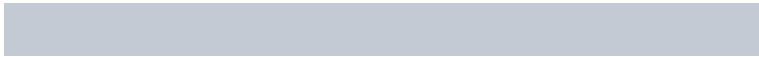
55.7691, 58.7303, 70.6841



56.9203, 58.7303, 69.8347

Triad

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



55.7691, 58.7303, 70.6841



57.8409, 58.7303, 60.8711



53.9005, 58.7303, 60.6204

Complementary

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



55.7691, 58.7303, 70.6841



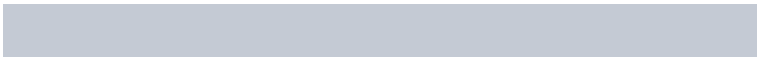
59.1866, 62.1245, 61.0972

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.



54.7367, 58.7303, 58.4004



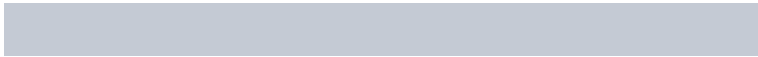
55.7691, 58.7303, 70.6841



57.0122, 58.7303, 58.5416

Square

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



55.7691, 58.7303, 70.6841



58.1266, 58.7303, 64.0972



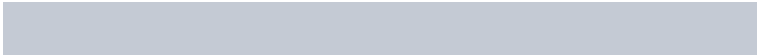
55.8737, 58.7303, 57.6528



53.5779, 58.7303, 63.7976

Rectangle

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



55.7691, 58.7303, 70.6841



57.5474, 58.7303, 68.3458



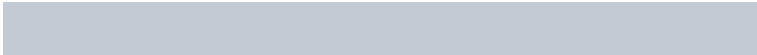
55.8737, 58.7303, 57.6528



54.1302, 58.7303, 59.7417

Sweetspot

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



55.7708, 58.7328, 70.6854



92.1904, 97.0293, 108.4773



57.4337, 63.2734, 67.4944



19.7625, 20.7995, 23.2231



0.0000, 0.0000, 0.0000



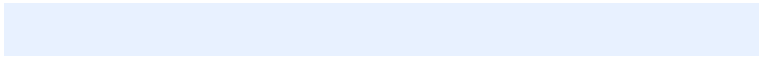
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7708, 58.7328, 70.6854



82.7000, 87.0943, 107.0599



54.8780, 56.2219, 70.2478



12.1206, 12.7646, 15.7625



9.1757, 6.6131, 39.2460



0.6317, 0.5555, 2.3932

Inverse Universe

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



57.5533, 57.7422, 63.9921



85.9373, 85.3320, 94.8952



60.1245, 64.7947, 61.5631



12.6141, 12.4971, 13.9079



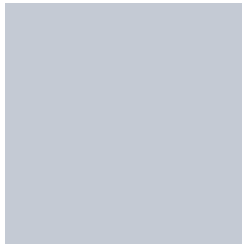
17.6903, 9.0124, 5.6733



1.1065, 0.5594, 0.5503

Previews

White Background



This preview shows how the XYZ color 55.7691, 58.7303, 70.6841 looks on a white background.

Color Contrast Check

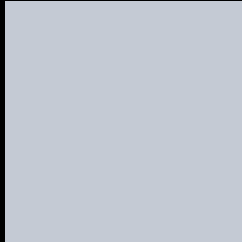
Large Text (above 18pt) WCAG AA × Fail

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 55.7691, 58.7303, 70.6841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

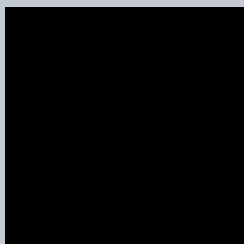
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

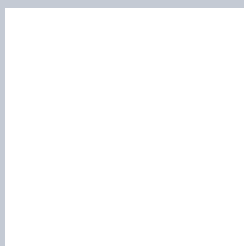
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.7691, 58.7303, 70.6841

Background



This preview shows how black text looks on a background with the XYZ color 55.7691, 58.7303, 70.6841.

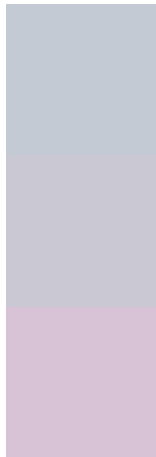


This preview shows how white text looks on a background with the XYZ color 55.7691, 58.7303,

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

55.7691, 58.7303, 70.6841

Protanopia

56.7693, 58.5683, 69.9408

Deuteranopia

59.5497, 58.2814, 71.0616



Tritanopia

56.4370, 58.6534, 73.9923

Trichromacy



Original Color

55.7691, 58.7303, 70.6841

Protanomaly

56.4639, 58.7558, 69.9931

Deuteranomaly

58.2167, 58.6022, 71.1938

Tritanomaly

56.1783, 58.5499, 72.6303

Monochromacy



Original Color

55.7691, 58.7303, 70.6841

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.4593, 58.3232, 66.0921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7691, 58.7303, 70.6841 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(196, 202, 212) looks like.

```
.text, #text, p{  
    color:rgb(196, 202, 212)  
}
```

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(196, 202, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 202, 212) }
```

Border

The CSS property to change the border of an element to XYZ 55.7691, 58.7303, 70.6841 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(196, 202, 212) }
```


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

```
.border{ border-color:rgb(196, 202, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 202, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 202, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 202, 212);  
box-shadow:4px 4px 4px 4px rgb(196, 202,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7691, 58.7303, 70.6841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 202, 212) }
```

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

```
.background{ background-color: rgb(196,  
202, 212) }
```

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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