

Converting Colors

XYZ(51.5702, 55.7764, 57.4802)

Have a look what the booklet for
XYZ(51.5702, 55.7764, 57.4802)
contains.

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Color

**XYZ(51.5656, 55.8149,
57.3458)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C7BF
RGB	192, 199, 191
RGB Percent	75%, 78%, 75%
CMY	0.2471, 0.2196, 0.2510
CMYK	0.04, 0.00, 0.04, 0.22
HSL	113°, 7%, 76%
HSV	113°, 4%, 78%
XYZ	51.5656, 55.8149, 57.3458
YIQ	195.9950, -1.6040, -3.9720

Conversions

Conversions Part 2

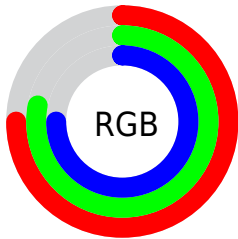
Format	Color
RYB	191, 199, 198
Decimal	12634047
CIELab	79.51, -3.88, 3.16
CIELCh	80, 4.999, 140.859
Yxy	55.8149, 0.3130, 0.3388
Android (android.graphics.Color)	4290824127 (0xFFC0C7BF)
YUV	195.9950, -2.4625, -3.5036
Hunter-Lab	74.7094, -7.5378, 6.7864

Details

The XYZ color **51.5656, 55.8149, 57.3458** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2305, 53.3925, 61.5886**, and the grayscale version is **52.4827, 55.2158, 60.1300**.

A 20% lighter version of the original color is **91.2599, 98.1919, 102.1387**, and **25.3603, 27.5747, 28.0306** is the 20% darker color. If you saturate the color by 10%, you get **45.3713, 52.8593, 46.3901**, and if you desaturate by 10%, it is **58.5825, 59.1633, 69.8956**.

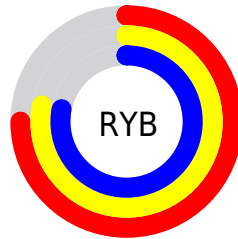
Distribution



Red (75%)

Green (78%)

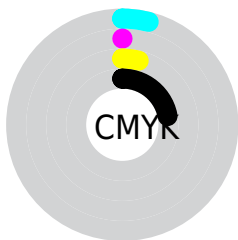
Blue (75%)



Red (75%)

Yellow (78%)

Blue (78%)

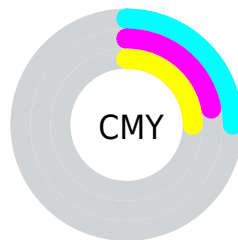


Cyan (4%)

Magenta (0%)

Yellow (4%)

Black (22%)



Cyan (25%)

Magenta (22%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5656, 55.8149, 57.3458 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 51.5656, 55.8149, 57.3458 by changing the saturation by 10% instead.

■ 51.5656, 55.8149,
57.3458

■ 51.5656, 55.8149,
57.3458

383.1088,
408.9936, 432.2738

■ 36.8818, 40.0545,
40.8717

■ 91.6683, 98.7339,
102.4749

■ 25.2892, 27.5811,
27.8999

117.8179,
126.6613, 131.9670

■ 16.4226, 18.0101,
18.0118

148.5202,
159.4132, 166.6356

■ 9.9164, 10.9572,
10.7890

184.1405,
197.3740, 206.8991

■ 5.4054, 6.0381,
5.8127

225.0441,
240.9280, 253.1762

■ 2.5242, 2.8683,
2.6646

271.5965,

■ 0.9075, 1.0633,

290.4597, 305.8853

0.9255

324.1630,
346.3534, 365.4450

■ 0.0000, 0.0000,
0.0000

■ 51.5656, 55.8149,
57.3458

■ 51.5656, 55.8149,
57.3458

■ 45.3713, 52.8593,
46.3901

■ 58.5825, 59.1633,
69.8956

■ 39.9648, 50.2753,
36.9614

■ 66.4456, 62.9108,
84.0960

■ 35.3159, 48.0502,
28.9928

■ 75.1838, 67.0724,
100.0051

■ 31.3903, 46.1681,
22.4114

■ 79.7145, 69.3290,
103.7882

■ 28.1516, 44.6118,
17.1380

■ 25.5596, 43.3627,
13.0852

■ 23.5704, 42.4000,
10.1550

■ 22.1340, 41.7005,
8.2346

■ 21.1925, 41.2373,
7.1872

Harmonies

Analogous

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



52.3653, 55.8149, 55.7464



51.5656, 55.8149, 57.3458



51.1652, 55.8149, 59.8979

Triad

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



51.5656, 55.8149, 57.3458



52.7440, 55.8149, 66.4027



54.8768, 55.8149, 58.8235

Complementary

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



51.5656, 55.8149, 57.3458



52.2305, 53.3925, 61.5886

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.



54.9813, 55.8149, 61.6565



51.5656, 55.8149, 57.3458



53.7415, 55.8149, 66.0929

Square

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



51.5656, 55.8149, 57.3458



51.8398, 55.8149, 65.1674



54.5634, 55.8149, 64.3340



54.2796, 55.8149, 56.5806

Rectangle

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



51.5656, 55.8149, 57.3458



51.1750, 55.8149, 61.8216



54.5634, 55.8149, 64.3340



54.9710, 55.8149, 59.7362

Sweetspot

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



51.5672, 55.8173, 57.3470



93.8259, 99.4161, 106.7139



53.1384, 56.2641, 57.3504



20.0955, 21.2853, 22.8642



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.



51.5672, 55.8173, 57.3470



89.0782, 97.1508, 98.2585



51.6412, 55.8178, 59.0534



11.1414, 12.1999, 12.2360



13.4291, 26.4183, 4.3914



0.6776, 1.2724, 0.2099

Inverse Universe

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



52.2305, 53.3925, 61.5886



90.5331, 91.8324, 107.5616



52.1574, 53.3937, 59.8235



11.3440, 11.4593, 13.5315



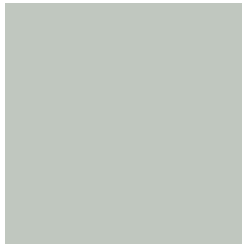
17.9247, 8.4747, 35.4354



0.8862, 0.4206, 1.6796

Previews

White Background



This preview shows how the XYZ color 51.5656, 55.8149, 57.3458 looks on a white background.

Color Contrast Check

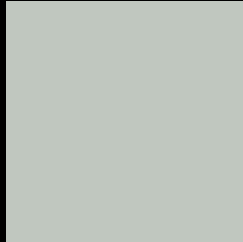
Large Text (above 18pt) WCAG AA × Fail

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 51.5656, 55.8149, 57.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

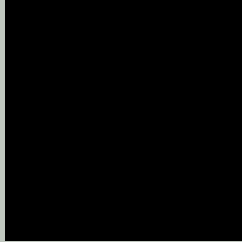
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

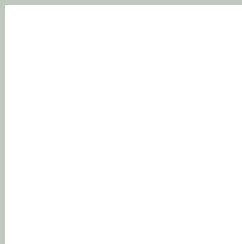
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5656, 55.8149, 57.3458

Background



This preview shows how black text looks on a background with the XYZ color 51.5656, 55.8149, 57.3458.



This preview shows how white text looks on a background with the XYZ color 51.5656, 55.8149,

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

51.5656, 55.8149, 57.3458

Protanopia

53.2824, 55.7105, 56.0890

Deuteranopia

56.6544, 55.4289, 58.1649



Tritanopia

54.0035, 55.7851, 69.5493

Trichromacy



Original Color

51.5656, 55.8149, 57.3458

Protanomaly

52.5492, 55.6560, 56.6882

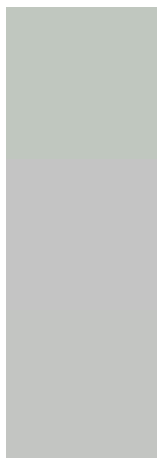
Deuteranomaly

54.5968, 55.3556, 57.6763

Tritanomaly

53.1135, 55.7615, 65.0904

Monochromacy



Original Color

51.5656, 55.8149, 57.3458

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.2095, 55.4296, 58.9862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5656, 55.8149, 57.3458 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(192, 199, 191)` looks like.

```
.text, #text, p{  
    color:rgb(192, 199, 191)  
}
```

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(192, 199, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 199, 191) }
```

Border

The CSS property to change the border of an element to XYZ 51.5656, 55.8149, 57.3458 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(192, 199, 191) }
```


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

```
.border{ border-color:rgb(192, 199, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 199, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 199, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 199, 191);  
box-shadow:4px 4px 4px 4px rgb(192, 199,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5656, 55.8149, 57.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 199, 191) }
```

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

```
.background{ background-color: rgb(192,  
199, 191) }
```

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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