

Converting Colors

XYZ(55.4552, 60.9467, 57.6432)

Have a look what the booklet for
XYZ(55.4552, 60.9467, 57.6432)
contains.

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Color

**XYZ(55.4033, 60.9716,
57.5638)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D0BE
RGB	199, 208, 190
RGB Percent	78%, 82%, 75%
CMY	0.2196, 0.1843, 0.2549
CMYK	0.04, 0.00, 0.09, 0.18
HSL	90°, 16%, 78%
HSV	90°, 9%, 82%
XYZ	55.4033, 60.9716, 57.5638
YIQ	203.2570, 0.4140, -7.5060

Conversions

Conversions Part 2

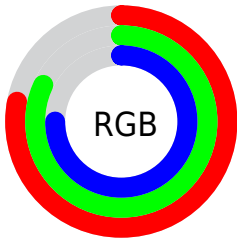
Format	Color
RYB	190, 208, 199
Decimal	13095102
CIELab	82.36, -6.31, 7.87
CIELCh	82, 10.089, 128.701
Yxy	60.9716, 0.3185, 0.3505
Android (android.graphics.Color)	4291285182 (0xFFC7D0BE)
YUV	203.2570, -6.5357, -3.7334
Hunter-Lab	78.0843, -9.9961, 10.9504

Details

The XYZ color **55.4033, 60.9716, 57.5638** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.3543, 53.5248, 67.1970**, and the grayscale version is **56.9673, 59.9340, 65.2681**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **27.7480, 30.9371, 28.1759** is the 20% darker color. If you saturate the color by 10%, you get **50.6241, 58.7538, 46.3076**, and if you desaturate by 10%, it is **60.6991, 63.4217, 70.5404**.

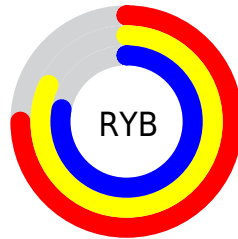
Distribution



Red (78%)

Green (82%)

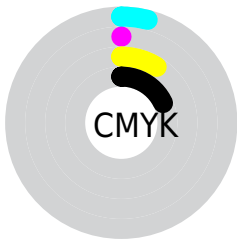
Blue (75%)



Red (75%)

Yellow (82%)

Blue (78%)

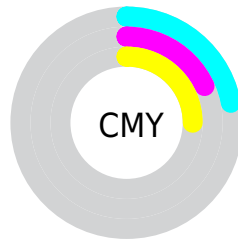


Cyan (4%)

Magenta (0%)

Yellow (9%)

Black (18%)



Cyan (22%)

Magenta (18%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4033, 60.9716, 57.5638 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 55.4033, 60.9716, 57.5638 by changing the saturation by 10% instead.

■ 55.4033, 60.9716,
57.5638

■ 55.4033, 60.9716,
57.5638

397.5505,
428.1699, 433.1114

■ 39.9598, 44.2022,
41.0457

■ 97.2765, 106.2378,
102.7959

■ 27.6913, 30.8295,
28.0348

124.4369,
135.5035, 132.3469

■ 18.2323, 20.4691,
18.1126

156.2337,
169.7033, 167.0794

■ 11.2176, 12.7365,
10.8606

193.0322,
209.2218, 207.4117

■ 6.2818, 7.2473,
5.8602

235.1978,
254.4433, 253.7626

■ 3.0594, 3.6173,
2.6928

283.0958,

■ 1.1853, 1.4619,

305.7522, 306.5504

0.9398

337.0915,
363.5330, 366.1939

■ 0.0947, 0.2617,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4033, 60.9716,
57.5638

■ 55.4033, 60.9716,
57.5638

■ 50.6241, 58.7538,
46.3076

■ 60.6991, 63.4217,
70.5404

■ 46.3390, 56.7531,
36.6956

■ 66.5230, 66.1034,
85.3014

■ 42.5313, 54.9642,
28.6518

■ 72.8923, 69.0258,
101.9122

■ 39.1811, 53.3788,
22.0928

■ 76.7507, 70.9669,
104.2605

■ 36.2669, 51.9878,
16.9271

■ 80.3965, 72.8464,
104.4311

■ 33.7653, 50.7814,
13.0534

■ 81.8471, 73.5942,
104.4990

■ 31.6500, 49.7484,
10.3566

■ 29.8907, 48.8762,
8.7010

■ 28.4422, 48.1463,
7.8744

Harmonies

Analogous

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



57.3281, 60.9716, 55.3511



55.4033, 60.9716, 57.5638



54.1821, 60.9716, 62.1763

Triad

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



55.4033, 60.9716, 57.5638



56.4619, 60.9716, 78.0497



62.1380, 60.9716, 64.6115

Complementary

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



55.4033, 60.9716, 57.5638



53.3543, 53.5248, 67.1970

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.



61.8922, 60.9716, 70.7851



55.4033, 60.9716, 57.5638



58.5797, 60.9716, 78.8017

Square

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



55.4033, 60.9716, 57.5638



54.7826, 60.9716, 74.0747



60.5770, 60.9716, 76.0702



61.2406, 60.9716, 59.2518

Rectangle

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



55.4033, 60.9716, 57.5638



53.9133, 60.9716, 66.1194



60.5770, 60.9716, 76.0702



62.1868, 60.9716, 66.6568

Sweetspot

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



55.4050, 60.9742, 57.5651



92.4490, 98.7986, 102.4766



55.7325, 57.9768, 56.9693



19.6419, 21.0795, 21.5761



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.



55.4050, 60.9742, 57.5651



86.6755, 96.1260, 88.4812



53.0871, 59.7793, 57.4567



12.2113, 13.4924, 12.5727



17.7257, 30.0069, 4.8577



1.0826, 1.7250, 0.2759

Inverse Universe

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



53.3543, 53.5248, 67.1970



82.9128, 82.4578, 106.1537



55.8134, 54.7925, 67.3121



11.7189, 11.7039, 14.8851



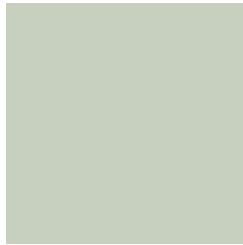
10.7675, 4.7311, 37.5382



0.6936, 0.3117, 2.1032

Previews

White Background



This preview shows how the XYZ color 55.4033, 60.9716, 57.5638 looks on a white background.

Color Contrast Check

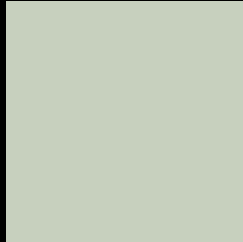
Large Text (above 18pt) WCAG AA × Fail

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 55.4033, 60.9716, 57.5638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

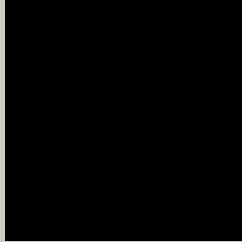
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

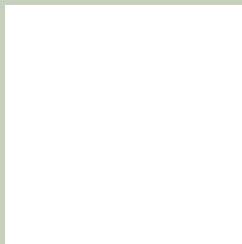
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4033, 60.9716, 57.5638

Background



This preview shows how black text looks on a background with the XYZ color 55.4033, 60.9716, 57.5638.



This preview shows how white text looks on a background with the XYZ color 55.4033, 60.9716,

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

55.4033, 60.9716, 57.5638

Protanopia

57.8213, 60.8136, 56.2676

Deuteranopia

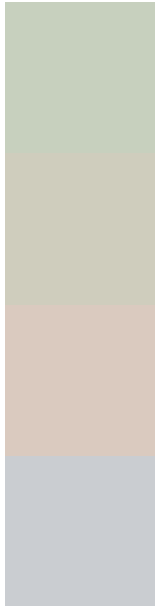
62.0216, 60.8520, 58.3459



Tritanopia

59.4130, 61.1904, 76.3897

Trichromacy



Original Color

55.4033, 60.9716, 57.5638

Protanomaly

56.7488, 60.6022, 56.8505

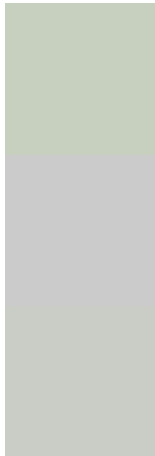
Deuteranomaly

59.4379, 60.9081, 57.9139

Tritanomaly

57.6971, 60.8226, 69.0206

Monochromacy



Original Color

55.4033, 60.9716, 57.5638

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.3815, 60.2964, 62.0928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4033, 60.9716, 57.5638 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(199, 208, 190)` looks like.

```
.text, #text, p{  
    color:rgb(199, 208, 190)  
}
```

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(199, 208, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 208, 190) }
```

Border

The CSS property to change the border of an element to XYZ 55.4033, 60.9716, 57.5638 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(199, 208, 190) }
```


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

```
.border{ border-color:rgb(199, 208, 190) }
```

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

Here you see how a box with a 4 pixel rgb(199, 208, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 208, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 208, 190);  
box-shadow:4px 4px 4px 4px rgb(199, 208,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4033, 60.9716, 57.5638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 208, 190) }
```

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

```
.background{ background-color: rgb(199,  
208, 190) }
```

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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