

Converting Colors

XYZ(55.0390, 58.5821, 63.4572)

Have a look what the booklet for
XYZ(55.0390, 58.5821, 63.4572)
contains.

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Color

**XYZ(54.9518, 58.4639,
63.6467)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CAC9
RGB	198, 202, 201
RGB Percent	78%, 79%, 79%
CMY	0.2235, 0.2078, 0.2118
CMYK	0.02, 0.00, 0.00, 0.21
HSL	165°, 4%, 78%
HSV	165°, 2%, 79%
XYZ	54.9518, 58.4639, 63.6467
YIQ	200.6900, -2.0630, -1.1590

Conversions

Conversions Part 2

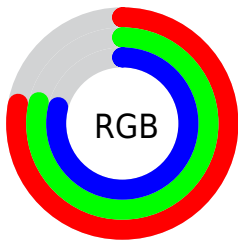
Format	Color
RYB	198, 200, 202
Decimal	13028041
CIELab	81.00, -1.55, 0.01
CIElCh	81, 1.552, 179.659
Yxy	58.4639, 0.3104, 0.3302
Android (android.graphics.Color)	4291218121 (0xFFC6CAC9)
YUV	200.6900, 0.1528, -2.3591
Hunter-Lab	76.4617, -5.5228, 4.1702

Details

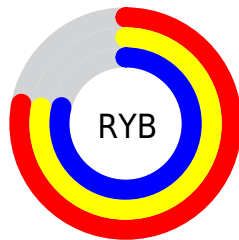
The XYZ color **54.9518, 58.4639, 63.6467** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.8621, 57.0697, 62.1597**, and the grayscale version is **55.3269, 58.2082, 63.3887**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.3580, 29.2157, 31.8010** is the 20% darker color. If you saturate the color by 10%, you get **49.3928, 55.6675, 60.3293**, and if you desaturate by 10%, it is **61.2439, 61.6393, 67.1033**.

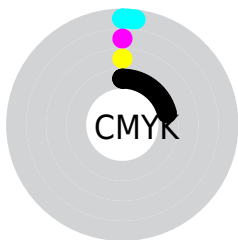
Distribution



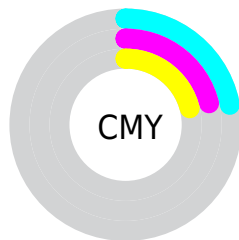
- Red (78%)
- Green (79%)
- Blue (79%)



- Red (78%)
- Yellow (78%)
- Blue (79%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9518, 58.4639, 63.6467 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 54.9518, 58.4639, 63.6467 by changing the saturation by 10% instead.

■ 54.9518, 58.4639,
63.6467

■ 54.9518, 58.4639,
63.6467

395.8686,
418.9123, 456.0851

■ 39.5968, 42.1817,
45.9202

96.6191, 102.5981,
111.6965

■ 27.4071, 29.2436,
31.8347

123.6621,
131.2189, 142.8570

■ 18.0174, 19.2652,
20.9715

155.3318,
164.7213, 179.3325

■ 11.0622, 11.8620,
12.9121

191.9936,
203.4899, 221.5416

■ 6.1763, 6.6498,
7.2380

234.0128,
247.9088, 269.9029

■ 2.9943, 3.2441,
3.5307

281.7548,

■ 1.1507, 1.2604,

298.3626, 324.8349

1.3716

335.5849,
355.2356, 386.7561

■ 0.0669, 0.1103,
0.1194

■ 0.0000, 0.0000,
0.0000

■ 54.9518, 58.4639,
63.6467

■ 54.9518, 58.4639,
63.6467

■ 49.3928, 55.6675,
60.3293

■ 61.2439, 61.6393,
67.1033

■ 44.5339, 53.2281,
57.1449

■ 68.2907, 65.1998,
70.6976

■ 40.3468, 51.1327,
54.0926

■ 74.7811, 68.4711,
74.3702

■ 36.7993, 49.3650,
51.1698

■ 75.4467, 68.7374,
77.8755

■ 33.8567, 47.9068,
48.3737

■ 76.1328, 69.0118,
81.4881

■ 31.4807, 46.7387,
45.7017

■ 76.8393, 69.2944,
85.2088

■ 29.6287, 45.8385,
43.1507

■ 77.5666, 69.5853,
89.0386

■ 28.2518, 45.1811,
40.7173

■ 78.3148, 69.8846,
92.9782

■ 27.2915, 44.7364,
38.3977

■ 79.0839, 70.1923,
97.0288

Harmonies

Analogous

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



55.0359, 58.4639, 62.7664



54.9518, 58.4639, 63.6467



55.0323, 58.4639, 64.5381

Triad

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



54.9518, 58.4639, 63.6467



55.8749, 58.4639, 65.2094



55.8813, 58.4639, 62.1403

Complementary

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



54.9518, 58.4639, 63.6467



54.8621, 57.0697, 62.1597

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.



56.1075, 58.4639, 62.7845



54.9518, 58.4639, 63.6467



56.1038, 58.4639, 64.5565

Square

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



54.9518, 58.4639, 63.6467



55.5645, 58.4639, 65.4456



56.1892, 58.4639, 63.6678



55.5719, 58.4639, 61.9018

Rectangle

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



54.9518, 58.4639, 63.6467



55.1686, 58.4639, 65.0174



56.1892, 58.4639, 63.6678



55.9696, 58.4639, 62.3162

Sweetspot

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



54.9535, 58.4664, 63.6480



94.0153, 99.4785, 108.3153



54.8863, 58.4722, 61.8202



20.1341, 21.2980, 23.1901



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.



54.9535, 58.4664, 63.6480



92.9934, 98.9635, 107.7330



54.8534, 58.0767, 64.1990



12.3755, 13.1590, 14.3255



17.2419, 28.6421, 23.7566



0.9188, 1.4893, 1.3797

Inverse Universe

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



54.8621, 57.0697, 62.1597



92.8353, 96.5454, 105.1564



54.9602, 57.4516, 61.6193



12.3560, 12.8607, 14.0077



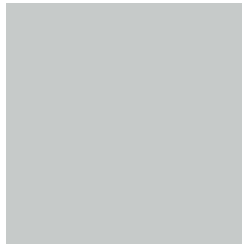
16.0833, 8.2439, 2.8916



0.8611, 0.4378, 0.3144

Previews

White Background



This preview shows how the XYZ color 54.9518, 58.4639, 63.6467 looks on a white background.

Color Contrast Check

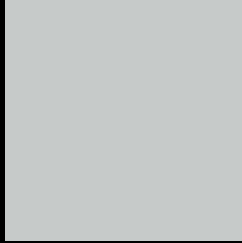
Large Text (above 18pt) WCAG AA × Fail

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 54.9518, 58.4639, 63.6467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

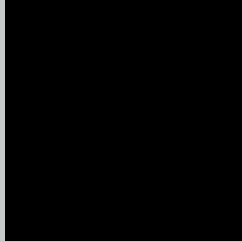
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

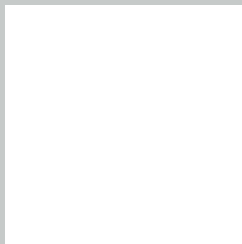
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9518, 58.4639, 63.6467

Background



This preview shows how black text looks on a background with the XYZ color 54.9518, 58.4639, 63.6467.



This preview shows how white text looks on a background with the XYZ color 54.9518, 58.4639,

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

54.9518, 58.4639, 63.6467

Protanopia

56.2564, 58.4578, 62.9620

Deuteranopia

59.6910, 58.5101, 64.0246



Tritanopia

56.8684, 58.5458, 73.2689

Trichromacy



Original Color

54.9518, 58.4639, 63.6467

Protanomaly

55.6691, 58.5000, 63.0011

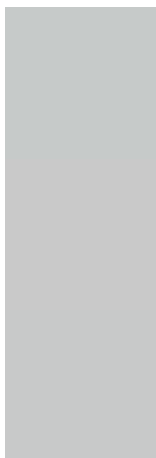
Deuteranomaly

58.0061, 58.6495, 64.1403

Tritanomaly

56.1977, 58.6186, 69.9806

Monochromacy



Original Color

54.9518, 58.4639, 63.6467

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.2487, 58.2697, 63.5936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9518, 58.4639, 63.6467 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, 202, 201)` looks like.

```
.text, #text, p{  
    color:rgb(198, 202, 201)  
}
```

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, 202, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 202, 201) }
```

Border

The CSS property to change the border of an element to XYZ 54.9518, 58.4639, 63.6467 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, 202, 201) }
```


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

```
.border{ border-color:rgb(198, 202, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 202, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 202, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 202, 201);  
box-shadow:4px 4px 4px 4px rgb(198, 202,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9518, 58.4639, 63.6467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 202, 201) }
```

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

```
.background{ background-color: rgb(198,  
202, 201) }
```

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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