

Converting Colors

XYZ(54.1563, 56.3176, 64.0864)

Have a look what the booklet for
XYZ(54.1563, 56.3176, 64.0864)
contains.

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Color

**XYZ(54.1801, 56.3389,
63.8960)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C5CA
RGB	199, 197, 202
RGB Percent	78%, 77%, 79%
CMY	0.2196, 0.2274, 0.2078
CMYK	0.01, 0.02, 0.00, 0.21
HSL	264°, 5%, 78%
HSV	264°, 2%, 79%
XYZ	54.1801, 56.3389, 63.8960
YIQ	198.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

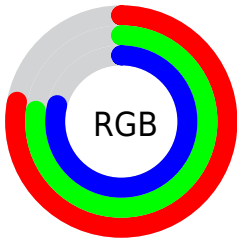
Format	Color
R _Y B	199, 197, 202
Decimal	13092298
CIE Lab	79.81, 1.62, -2.26
CIE LCh	80, 2.779, 305.590
Yxy	56.3389, 0.3106, 0.3230
Android (android.graphics.Color)	4291282378 (0xFFC7C5CA)
YUV	198.1680, 1.8892, 0.7297
Hunter-Lab	75.0592, -2.5068, 2.0694

Details

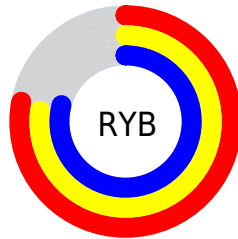
The XYZ color **54.1801, 56.3389, 63.8960** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.0202, 58.5532, 61.2282**, and the grayscale version is **53.7691, 56.5692, 61.6039**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **26.8448, 27.8028, 31.9686** is the 20% darker color. If you saturate the color by 10%, you get **46.8068, 46.1803, 62.3246**, and if you desaturate by 10%, it is **62.4278, 67.8638, 65.6867**.

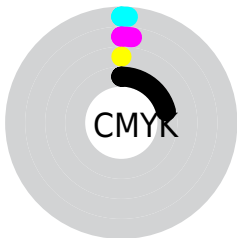
Distribution



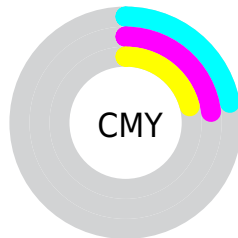
- Red (78%)
- Green (77%)
- Blue (79%)



- Red (78%)
- Yellow (77%)
- Blue (79%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



- Cyan (22%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1801, 56.3389, 63.8960 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 54.1801, 56.3389, 63.8960 by changing the saturation by 10% instead.

■ 54.1801, 56.3389,
63.8960

■ 54.1801, 56.3389,
63.8960

392.9836,
410.9674, 457.0111

■ 38.9769, 40.4747,
46.1208

95.4940, 99.4999,
112.0592

■ 26.9224, 27.9089,
31.9918

122.3354,
127.5655, 143.2842

■ 17.6512, 18.2570,
21.0905

153.7869,
160.4671, 179.8296

■ 10.7981, 11.1346,
12.9983

190.2139,
198.5889, 222.1140

■ 5.9975, 6.1575,
7.2966

231.9817,
242.3155, 270.5557

■ 2.8842, 2.9411,
3.5671

279.4556,

■ 1.0928, 1.1010,

292.0312, 325.5735

1.3910

333.0012,
348.1203, 387.5858

■ 0.0191, 0.0000,
0.1347

■ 0.0000, 0.0000,
0.0000

■ 54.1801, 56.3389,
63.8960

■ 54.1801, 56.3389,
63.8960

■ 46.8068, 46.1803,
62.3246

■ 62.4278, 67.8638,
65.6867

■ 40.2728, 37.3290,
60.9606

■ 71.5736, 80.7966,
67.7009

■ 34.5477, 29.7328,
59.7961

■ 80.8098, 93.5125,
69.6685

■ 29.5973, 23.3326,
58.8216

■ 84.9608, 95.6524,
69.8628

■ 25.3847, 18.0647,
58.0269

■ 87.6608, 97.0443,
69.9892

■ 21.8699, 13.8593,
57.4004

■ 19.0085, 10.6386,
56.9296

■ 16.7502, 8.3135,
56.5998

■ 15.0358, 6.7776,
56.3937

Harmonies

Analogous

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



53.6538, 56.3389, 64.4769



54.1801, 56.3389, 63.8960



54.5390, 56.3389, 62.6320

Triad

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



54.1801, 56.3389, 63.8960



53.9965, 56.3389, 58.5669



52.4796, 56.3389, 61.6456

Complementary

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



54.1801, 56.3389, 63.8960



55.0202, 58.5532, 61.2282

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.



52.5700, 56.3389, 60.0728



54.1801, 56.3389, 63.8960



53.4432, 56.3389, 58.3132

Square

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



54.1801, 56.3389, 63.8960



54.4324, 56.3389, 59.5591



52.9217, 56.3389, 58.8599



52.6741, 56.3389, 63.1632

Rectangle

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



54.1801, 56.3389, 63.8960



54.6336, 56.3389, 61.5819



52.9217, 56.3389, 58.8599



52.4777, 56.3389, 61.1057

Sweetspot

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



54.1817, 56.3413, 63.8972



93.6808, 98.0946, 108.6044



54.3622, 57.4837, 64.1082



20.0660, 21.0164, 23.2489



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.



54.1817, 56.3413, 63.8972



90.9882, 94.3550, 108.0245



54.8282, 56.6746, 63.9275



11.9644, 12.3635, 14.3262



9.1223, 3.9103, 36.2302



0.5556, 0.2455, 1.8730

Inverse Universe

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



54.7507, 56.6618, 62.6977



92.1696, 95.0205, 105.5312



54.3796, 58.2229, 61.1983



12.1579, 12.4725, 13.9173



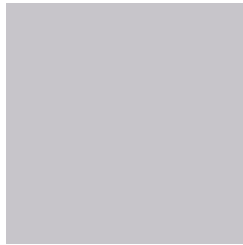
17.9506, 8.9908, 12.7244



0.9629, 0.4786, 0.8505

Previews

White Background



This preview shows how the XYZ color 54.1801, 56.3389, 63.8960 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 54.1801, 56.3389, 63.8960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

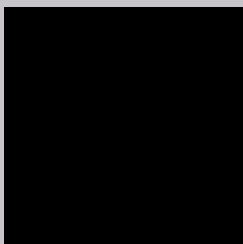
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

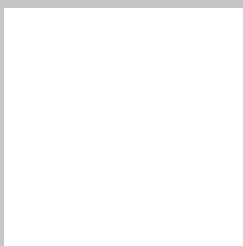
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.1801, 56.3389, 63.8960

Background



This preview shows how black text looks on a background with the XYZ color 54.1801, 56.3389, 63.8960.

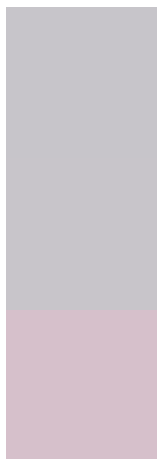


This preview shows how white text looks on a background with the XYZ color 54.1801, 56.3389,

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

54.1801, 56.3389, 63.8960

Protanopia

54.4463, 56.4761, 63.9085

Deuteranopia

57.3607, 56.3072, 64.3451



Tritanopia

55.3172, 56.4624, 69.6108

Trichromacy



Original Color

54.1801, 56.3389, 63.8960

Protanomaly

54.4463, 56.4761, 63.9085

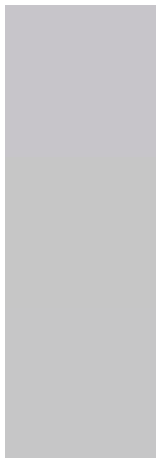
Deuteranomaly

56.3658, 56.4507, 64.4252

Tritanomaly

54.9445, 56.3133, 67.6482

Monochromacy



Original Color

54.1801, 56.3389, 63.8960

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.7916, 56.5175, 62.1067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1801, 56.3389, 63.8960 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, 197, 202) looks like.

```
.text, #text, p{  
    color:rgb(199, 197, 202)  
}
```

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, 197, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 197, 202) }
```

Border

The CSS property to change the border of an element to XYZ 54.1801, 56.3389, 63.8960 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, 197, 202) }
```


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

```
.border{ border-color:rgb(199, 197, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 197, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 197, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 197, 202);  
box-shadow:4px 4px 4px 4px rgb(199, 197,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1801, 56.3389, 63.8960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 197, 202) }
```

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

```
.background{ background-color: rgb(199,  
197, 202) }
```

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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