

Converting Colors

XYZ(54.4941, 56.6327, 61.1213)

Have a look what the booklet for
XYZ(54.4941, 56.6327, 61.1213)
contains.

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Color

**XYZ(54.4014, 56.5203,
60.8656)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC5C5
RGB	202, 197, 197
RGB Percent	79%, 77%, 77%
CMY	0.2078, 0.2274, 0.2274
CMYK	0.00, 0.02, 0.02, 0.21
HSL	0°, 5%, 78%
HSV	0°, 2%, 79%
XYZ	54.4014, 56.5203, 60.8656
YIQ	198.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

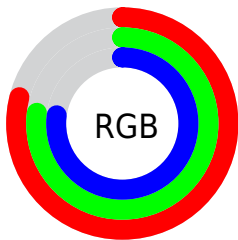
Format	Color
R _Y B	202, 197, 197
Decimal	13288901
CIE Lab	79.91, 1.74, 0.61
CIE LCh	80, 1.841, 19.253
Yxy	56.5203, 0.3167, 0.3290
Android (android.graphics.Color)	4291478981 (0xFFCAC5C5)
YUV	198.4950, -0.7370, 3.0739
Hunter-Lab	75.1800, -2.3996, 4.6249

Details

The XYZ color **54.4014, 56.5203, 60.8656** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.8071, 58.3747, 64.2566**, and the grayscale version is **53.9822, 56.7935, 61.8481**.

A 20% lighter version of the original color is **94.5712, 99.2994, 107.9482**, and **26.9931, 27.9240, 29.9538** is the 20% darker color. If you saturate the color by 10%, you get **47.9598, 47.0959, 48.0539**, and if you desaturate by 10%, it is **61.7701, 67.3011, 75.5180**.

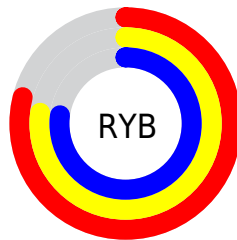
Distribution



Red (79%)

Green (77%)

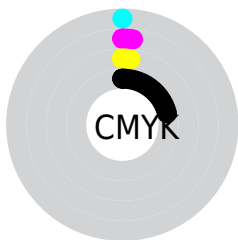
Blue (77%)



Red (79%)

Yellow (77%)

Blue (77%)

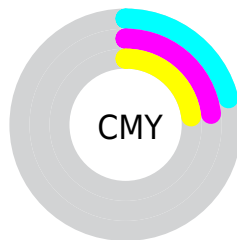


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (21%)



Cyan (21%)

Magenta (23%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4014, 56.5203, 60.8656 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 54.4014, 56.5203, 60.8656 by changing the saturation by 10% instead.

■ 54.4014, 56.5203,
60.8656

■ 54.4014, 56.5203,
60.8656

393.8122,
411.6494, 445.6740

■ 39.1546, 40.6202,
43.6869

95.8168, 99.7649,
107.6399

■ 27.0613, 28.0225,
30.0890

122.7161,
127.8782, 138.0726

■ 17.7561, 18.3426,
19.6535

154.2303,
160.8314, 173.7604

■ 10.8736, 11.1962,
11.9619

190.7248,
199.0089, 215.1217

■ 6.0486, 6.1990,
6.5955

232.5649,
242.7950, 262.5752

■ 2.9156, 2.9664,
3.1359

280.1159,

■ 1.1093, 1.1142,

292.5742, 316.5394

1.1644

333.7432,
348.7309, 377.4328

■ 0.0329, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4014, 56.5203,
60.8656

■ 54.4014, 56.5203,
60.8656

■ 47.9598, 47.0959,
48.0539

■ 61.7701, 67.3011,
75.5180

■ 42.4042, 38.9674,
37.0066

■ 70.0956, 79.4814,
92.0758

■ 37.6972, 32.0803,
27.6475

■ 78.1674, 91.2967,
108.1099

■ 33.7971, 26.3734,
19.8937

■ 30.6585, 21.7807,
13.6548

■ 28.2318, 18.2294,
8.8319

■ 26.4613, 15.6380,
5.3142

■ 25.2831, 13.9132,
2.9744

■ 24.6206, 12.9429,
1.6600

Harmonies

Analogous

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



54.4292, 56.5203, 61.9252



54.4014, 56.5203, 60.8656



54.1908, 56.5203, 59.9966

Triad

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



54.4014, 56.5203, 60.8656



53.1788, 56.5203, 60.2088



53.5871, 56.5203, 63.5830

Complementary

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



54.4014, 56.5203, 60.8656



54.8071, 58.3747, 64.2566

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.



53.2537, 56.5203, 63.1117



54.4014, 56.5203, 60.8656



53.0187, 56.5203, 61.1584

Square

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



54.4014, 56.5203, 60.8656



53.4845, 56.5203, 59.6205



53.0460, 56.5203, 62.2214



53.9579, 56.5203, 63.5023

Rectangle

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



54.4014, 56.5203, 60.8656



53.9755, 56.5203, 59.6384



53.0460, 56.5203, 62.2214



53.4670, 56.5203, 63.4836

Sweetspot

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



54.4030, 56.5227, 60.8668



93.8346, 98.2218, 106.4829



54.9848, 56.7542, 63.9344



20.0973, 21.0422, 22.8172



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.



54.4030, 56.5227, 60.8668



91.4521, 94.7361, 101.7450



54.9746, 57.6659, 61.0574



12.0408, 12.4260, 13.2993



15.6748, 8.0825, 0.7339



0.8089, 0.4174, 0.0379

Inverse Universe

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



54.8071, 58.3747, 64.2566



92.2896, 98.5744, 108.7703



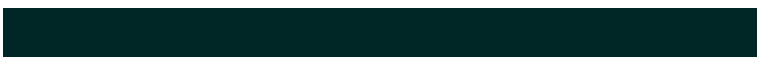
54.2261, 57.2127, 64.0629



12.1777, 13.0537, 14.4482



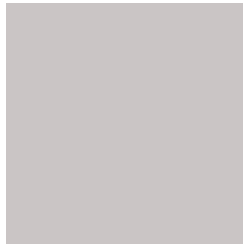
20.4297, 29.8834, 40.6476



1.0542, 1.5421, 2.0970

Previews

White Background



This preview shows how the XYZ color 54.4014, 56.5203, 60.8656 looks on a white background.

Color Contrast Check

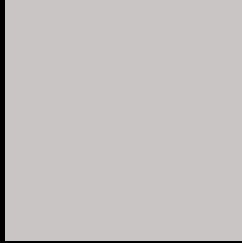
Large Text (above 18pt) WCAG AA × Fail

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 54.4014, 56.5203, 60.8656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

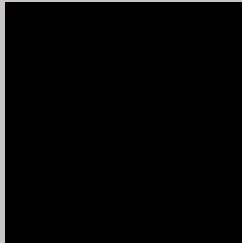
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

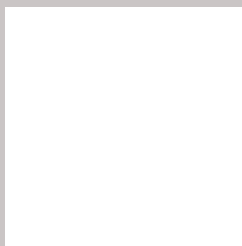
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4014, 56.5203, 60.8656

Background



This preview shows how black text looks on a background with the XYZ color 54.4014, 56.5203, 60.8656.

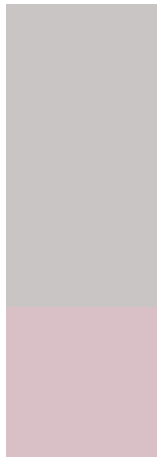


This preview shows how white text looks on a background with the XYZ color 54.4014, 56.5203,

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

54.4014, 56.5203, 60.8656

Protanopia

54.4014, 56.5203, 60.8656

Deuteranopia

57.6580, 56.5282, 61.2982



Tritanopia

56.0498, 56.5207, 68.9282

Trichromacy



Original Color

54.4014, 56.5203, 60.8656

Protanomaly

54.4014, 56.5203, 60.8656

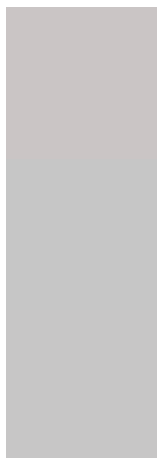
Deuteranomaly

56.6362, 56.6578, 61.3771

Tritanomaly

55.3880, 56.5841, 65.7602

Monochromacy



Original Color

54.4014, 56.5203, 60.8656

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.9403, 56.6075, 61.5095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4014, 56.5203, 60.8656 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(202, 197, 197) looks like.

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

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(202, 197, 197) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 54.4014, 56.5203, 60.8656 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(202, 197, 197) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 54.4014, 56.5203, 60.8656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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