

Converting Colors

XYZ(54.3974, 56.6547, 61.1474)

Have a look what the booklet for
XYZ(54.3974, 56.6547, 61.1474)
contains.

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Color

**XYZ(54.1317, 56.3812,
60.8529)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C5C5
RGB	201, 197, 197
RGB Percent	79%, 77%, 77%
CMY	0.2118, 0.2274, 0.2274
CMYK	0.00, 0.02, 0.02, 0.21
HSL	0°, 4%, 78%
HSV	0°, 2%, 79%
XYZ	54.1317, 56.3812, 60.8529
YIQ	198.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

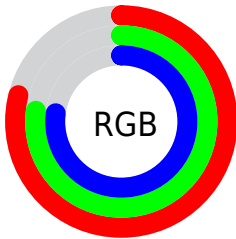
Format	Color
R_{YB}	201, 197, 197
Decimal	13223365
CIE Lab	79.83, 1.39, 0.48
CIE LCh	80, 1.472, 19.148
Yxy	56.3812, 0.3159, 0.3290
Android (android.graphics.Color)	4291413445 (0xFFC9C5C5)
YUV	198.1960, -0.5896, 2.4591
Hunter-Lab	75.0874, -2.7195, 4.5109

Details

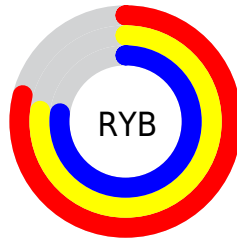
The XYZ color **54.1317, 56.3812, 60.8529** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.4553, 57.8600, 63.5572**, and the grayscale version is **53.7995, 56.6012, 61.6387**.

A 20% lighter version of the original color is **94.5712, 99.2994, 107.9482**, and **26.8130, 27.8311, 29.9453** is the 20% darker color. If you saturate the color by 10%, you get **47.7204, 47.0014, 48.1004**, and if you desaturate by 10%, it is **61.4608, 67.1037, 75.4278**.

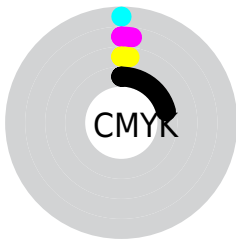
Distribution



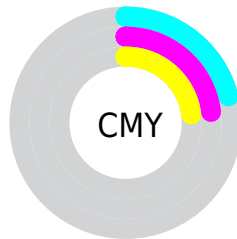
- Red (79%)
- Green (77%)
- Blue (77%)



- 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 54.1317, 56.3812, 60.8529 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 54.1317, 56.3812, 60.8529 by changing the saturation by 10% instead.

■ 54.1317, 56.3812,
60.8529

■ 54.1317, 56.3812,
60.8529

392.8022,
411.1265, 445.6261

■ 38.9381, 40.5086,
43.6767

95.4234, 99.5617,
107.6214

■ 26.8920, 27.9353,
30.0811

122.2521,
127.6385, 138.0507

■ 17.6283, 18.2769,
19.6476

153.6898,
160.5520, 173.7348

■ 10.7815, 11.1490,
11.9576

190.1020,
198.6869, 215.0923

■ 5.9863, 6.1671,
6.5926

231.8540,
242.4273, 262.5416

■ 2.8774, 2.9470,
3.1341

279.3111,

■ 1.0892, 1.1041,

292.1578, 316.5013

1.1635

332.8387,
348.2628, 377.3899

■ 0.0161, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1317, 56.3812,
60.8529

■ 54.1317, 56.3812,
60.8529

■ 47.7204, 47.0014,
48.1004

■ 61.4608, 67.1037,
75.4278

■ 42.1863, 38.9046,
37.0952

■ 69.7370, 79.2113,
91.8891

■ 37.4926, 32.0372,
27.7623

■ 77.8978, 91.1577,
108.0973

■ 33.5984, 26.3391,
20.0199

■ 30.4591, 21.7452,
13.7794

■ 28.0257, 18.1840,
8.9435

■ 26.2437, 15.5757,
5.4032

■ 25.0505, 13.8288,
3.0341

■ 24.3712, 12.8337,
1.6868

Harmonies

Analogous

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



54.1533, 56.3812, 61.6990



54.1317, 56.3812, 60.8529



53.9643, 56.3812, 60.1568

Triad

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



54.1317, 56.3812, 60.8529



53.1564, 56.3812, 60.3225



53.4808, 56.3812, 63.0152

Complementary

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



54.1317, 56.3812, 60.8529



54.4553, 57.8600, 63.5572

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.



53.2148, 56.3812, 62.6391



54.1317, 56.3812, 60.8529



53.0279, 56.3812, 61.0811

Square

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



54.1317, 56.3812, 60.8529



53.4009, 56.3812, 59.8525



53.0492, 56.3812, 61.9293



53.7768, 56.3812, 62.9527

Rectangle

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



54.1317, 56.3812, 60.8529



53.7928, 56.3812, 59.8689



53.0492, 56.3812, 61.9293



53.3850, 56.3812, 62.9357

Sweetspot

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



54.1333, 56.3836, 60.8541



93.8347, 98.2220, 106.4829



54.5971, 56.5679, 63.3003



20.0973, 21.0423, 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.



54.1333, 56.3836, 60.8541



92.6355, 96.4676, 104.0980



54.5897, 57.2965, 61.0063



11.6917, 12.1849, 13.1580



15.1468, 7.8107, 0.7093



0.7175, 0.3704, 0.0337

Inverse Universe

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



54.4553, 57.8600, 63.5572



93.1971, 99.0428, 108.8129



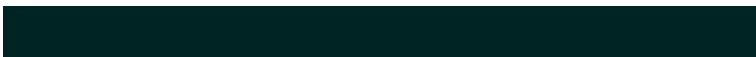
53.9928, 56.9351, 63.4030



11.7572, 12.4851, 13.7077



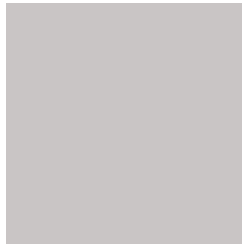
19.7369, 28.8677, 39.2761



0.9348, 1.3674, 1.8598

Previews

White Background



This preview shows how the XYZ color 54.1317, 56.3812, 60.8529 looks on a white background.

Color Contrast Check

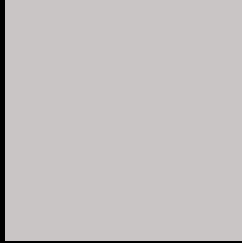
Large Text (above 18pt) WCAG AA × Fail

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 54.1317, 56.3812, 60.8529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

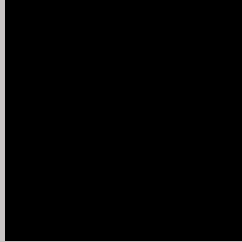
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

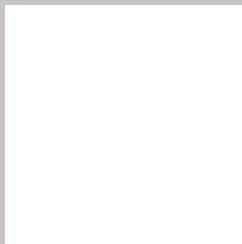
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.1317, 56.3812, 60.8529

Background



This preview shows how black text looks on a background with the XYZ color 54.1317, 56.3812, 60.8529.

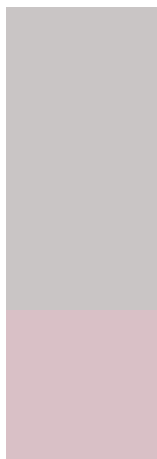


This preview shows how white text looks on a background with the XYZ color 54.1317, 56.3812,

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

54.1317, 56.3812, 60.8529

Protanopia

54.1317, 56.3812, 60.8529

Deuteranopia

57.6580, 56.5282, 61.2982



Tritanopia

55.7766, 56.3799, 68.9154

Trichromacy



Original Color

54.1317, 56.3812, 60.8529

Protanomaly

54.1317, 56.3812, 60.8529

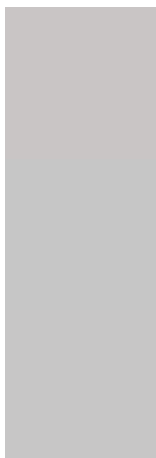
Deuteranomaly

56.3488, 56.5097, 61.3636

Tritanomaly

55.1165, 56.4442, 65.7475

Monochromacy



Original Color

54.1317, 56.3812, 60.8529

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 54.1317, 56.3812, 60.8529 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(201, 197, 197) looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 197, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 197, 197) }
```

Border

The CSS property to change the border of an element to XYZ 54.1317, 56.3812, 60.8529 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(201, 197, 197) }
```


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

```
.border{ border-color:rgb(201, 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(201, 197, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 197, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 197, 197);  
box-shadow:4px 4px 4px 4px rgb(201, 197,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1317, 56.3812, 60.8529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 197, 197) }
```

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

```
.background{ background-color: rgb(201,  
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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