

Converting Colors

XYZ(54.9033, 57.0683, 63.2226)

Have a look what the booklet for
XYZ(54.9033, 57.0683, 63.2226)
contains.

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Color

**XYZ(54.8241, 57.0227,
63.3753)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C6C9
RGB	201, 198, 201
RGB Percent	79%, 78%, 79%
CMY	0.2118, 0.2235, 0.2118
CMYK	0.00, 0.01, 0.00, 0.21
HSL	300°, 3%, 78%
HSV	300°, 1%, 79%
XYZ	54.8241, 57.0227, 63.3753
YIQ	199.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

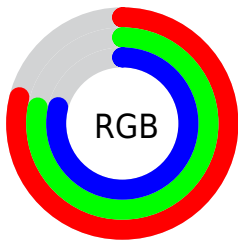
Format	Color
R_{YB}	201, 198, 201
Decimal	13223625
CIE Lab	80.19, 1.59, -1.14
CIE LCh	80, 1.955, 324.392
Yxy	57.0227, 0.3129, 0.3254
Android (android.graphics.Color)	4291413705 (0xFFC9C6C9)
YUV	199.2390, 0.8682, 1.5444
Hunter-Lab	75.5134, -2.5541, 3.0997

Details

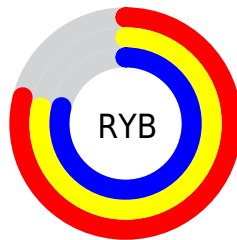
The XYZ color **54.8241, 57.0227, 63.3753** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3705, 57.8578, 61.7310**, and the grayscale version is **54.4283, 57.2628, 62.3592**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.2723, 28.2561, 31.6203** is the 20% darker color. If you saturate the color by 10%, you get **50.5320, 48.4376, 61.9453**, and if you desaturate by 10%, it is **59.7292, 66.8320, 65.0110**.

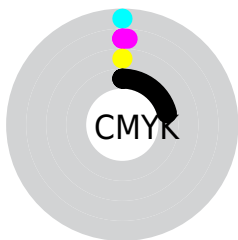
Distribution



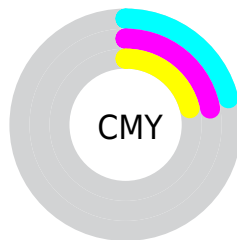
- Red (79%)
- Green (78%)
- Blue (79%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8241, 57.0227, 63.3753 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 54.8241, 57.0227, 63.3753 by changing the saturation by 10% instead.

■ 54.8241, 57.0227,
63.3753

■ 54.8241, 57.0227,
63.3753

395.3921,
413.5344, 455.0756

■ 39.4942, 41.0235,
45.7019

96.4330, 100.4983,
111.3016

■ 27.3268, 28.3374,
31.6637

123.4427,
128.7435, 142.3916

■ 17.9567, 18.5802,
20.8421

155.0764,
161.8394, 178.7909

■ 11.0184, 11.3673,
12.8185

191.6995,
200.1705, 220.9180

■ 6.1466, 6.3145,
7.1744

233.6772,
244.1211, 269.1915

■ 2.9759, 3.0372,
3.4913

281.3750,

■ 1.1410, 1.1512,

294.0757, 324.0299

1.3507

335.1581,
350.4187, 385.8518

■ 0.0590, 0.0213,
0.1028

■ 0.0000, 0.0000,
0.0000

■ 54.8241, 57.0227,
63.3753

■ 54.8241, 57.0227,
63.3753

■ 50.5320, 48.4376,
61.9453

■ 59.7292, 66.8320,
65.0110

■ 46.8241, 41.0219,
60.7093

■ 65.2648, 77.9034,
66.8562

■ 43.6766, 34.7270,
59.6602

■ 70.3906, 88.1548,
68.5648

■ 41.0624, 29.4986,
58.7888

■ 70.3906, 88.1548,
68.5648

38.9519, 25.2776,
58.0853

70.3906, 88.1548,
68.5648

37.3127, 21.9992,
57.5389

70.3906, 88.1549,
68.5648

36.1087, 19.5912,
57.1375

70.3906, 88.1549,
68.5648

35.2984, 17.9706,
56.8675

70.3906, 88.1549,
68.5648

34.8325, 17.0389,
56.7122

70.3907, 88.1549,
68.5648

Harmonies

Analogous

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



54.5156, 57.0227, 64.1094



54.8241, 57.0227, 63.3753



54.9650, 57.0227, 62.3029

Triad

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



54.8241, 57.0227, 63.3753



54.2733, 57.0227, 59.9283



53.5031, 57.0227, 62.9992

Complementary

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



54.8241, 57.0227, 63.3753



54.3705, 57.8578, 61.7310

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.



53.4389, 57.0227, 61.8737



54.8241, 57.0227, 63.3753



53.8824, 57.0227, 60.1096

Square

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



54.8241, 57.0227, 63.3753



54.6460, 57.0227, 60.3199



53.5774, 57.0227, 60.8183



53.7532, 57.0227, 63.8904

Rectangle

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



54.8241, 57.0227, 63.3753



54.9444, 57.0227, 61.5439



53.5774, 57.0227, 60.8183



53.4591, 57.0227, 62.6354

Sweetspot

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



54.8257, 57.0252, 63.3765

95.0500, 100.0000, 108.9000



54.0393, 56.6367, 63.3430



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.8257, 57.0252, 63.3765



93.4445, 96.7891, 108.3648



54.6561, 56.9573, 62.4833



11.7860, 12.2224, 13.6555



21.7740, 10.4591, 35.6156



1.0310, 0.4952, 1.6864

Inverse Universe

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



54.4765, 56.8855, 61.5377



92.6342, 96.4649, 104.0975



54.5384, 57.9250, 62.6152



11.6915, 12.1846, 13.1579



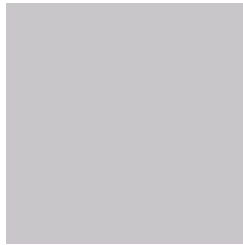
15.1452, 7.8077, 0.7088



0.7171, 0.3697, 0.0336

Previews

White Background



This preview shows how the XYZ color 54.8241, 57.0227, 63.3753 looks on a white background.

Color Contrast Check

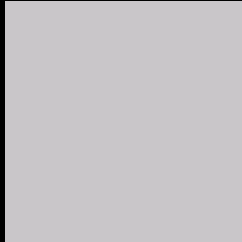
Large Text (above 18pt) WCAG AA × Fail

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 54.8241, 57.0227, 63.3753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

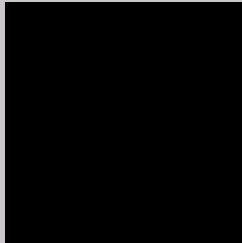
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8241, 57.0227, 63.3753

Background



This preview shows how black text looks on a background with the XYZ color 54.8241, 57.0227, 63.3753.

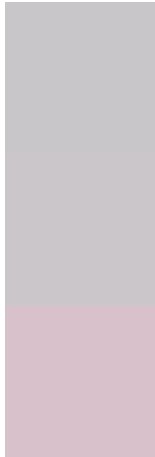


This preview shows how white text looks on a background with the XYZ color 54.8241, 57.0227,

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

54.8241, 57.0227, 63.3753

Protanopia

55.0938, 57.1618, 63.3879

Deuteranopia

58.0495, 57.0031, 63.8203



Tritanopia

56.2522, 56.9298, 70.3111

Trichromacy



Original Color

54.8241, 57.0227, 63.3753

Protanomaly

55.0938, 57.1618, 63.3879

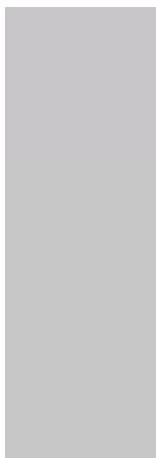
Deuteranomaly

57.0397, 57.1434, 63.9006

Tritanomaly

55.7085, 57.0431, 67.7488

Monochromacy



Original Color

54.8241, 57.0227, 63.3753

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.6682, 57.2963, 62.8216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8241, 57.0227, 63.3753 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, 198, 201)` looks like.

```
.text, #text, p{  
    color:rgb(201, 198, 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(201, 198, 201) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 54.8241, 57.0227, 63.3753 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, 198, 201) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to XYZ 54.8241, 57.0227, 63.3753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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