

Converting Colors

XYZ(54.5036, 55.9234, 67.8434)

Have a look what the booklet for
XYZ(54.5036, 55.9234, 67.8434)
contains.

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Color

**XYZ(54.6783, 56.1760,
67.6357)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C4D0
RGB	199, 196, 208
RGB Percent	78%, 77%, 82%
CMY	0.2196, 0.2314, 0.1843
CMYK	0.04, 0.06, 0.00, 0.18
HSL	255°, 11%, 79%
HSV	255°, 6%, 82%
XYZ	54.6783, 56.1760, 67.6357
YIQ	198.2650, -2.0640, 4.3680

Conversions

Conversions Part 2

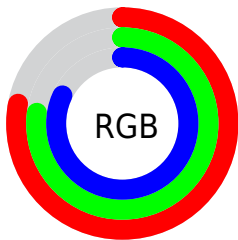
Format	Color
R_{YB}	199, 196, 208
Decimal	13092048
CIE Lab	79.71, 3.28, -5.62
CIE LCh	80, 6.512, 300.270
Yxy	56.1760, 0.3063, 0.3147
Android (android.graphics.Color)	4291282128 (0xFFC7C4D0)
YUV	198.2650, 4.7994, 0.6446
Hunter-Lab	74.9507, -0.9436, -1.0380

Details

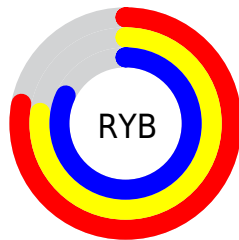
The XYZ color **54.6783, 56.1760, 67.6357** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6985, 62.0779, 61.1685**, and the grayscale version is **53.8116, 56.6140, 61.6527**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **27.1828, 27.6988, 34.4856** is the 20% darker color. If you saturate the color by 10%, you get **46.3784, 45.4099, 65.9959**, and if you desaturate by 10%, it is **64.0564, 68.4666, 69.5146**.

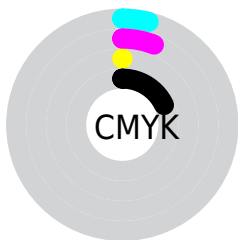
Distribution



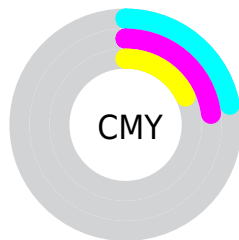
- Red (78%)
- Green (77%)
- Blue (82%)



- Red (78%)
- Yellow (77%)
- Blue (82%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (22%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6783, 56.1760, 67.6357 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 54.6783, 56.1760, 67.6357 by changing the saturation by 10% instead.

■ 54.6783, 56.1760,
67.6357

■ 54.6783, 56.1760,
67.6357

394.8476,
410.3544, 470.7672

■ 39.3770, 40.3441,
49.1366

96.2205, 99.2619,
117.4801

■ 27.2352, 27.8069,
34.3615

123.1922,
127.2846, 149.6625

■ 17.8875, 18.1801,
22.8918

154.7847,
160.1396, 187.2430

■ 10.9684, 11.0794,
14.3091

191.3635,
198.2115, 230.6403

■ 6.1127, 6.1203,
8.1948

233.2938,
241.8845, 280.2728

■ 2.9551, 2.9183,
4.1303

280.9410,

■ 1.1300, 1.0893,

291.5431, 336.5591

1.6971

334.6705,
347.5716, 399.9177

■ 0.0500, 0.0000,
0.3587

■ 0.0000, 0.0000,
0.0000

■ 54.6783, 56.1760,
67.6357

■ 54.6783, 56.1760,
67.6357

■ 46.3784, 45.4099,
65.9959

■ 64.0564, 68.4666,
69.5146

■ 39.1125, 36.1013,
64.5822

■ 74.5452, 82.3309,
71.6379

■ 32.8405, 28.1889,
63.3855

■ 85.0856, 95.6331,
73.6499

■ 27.5176, 21.6043,
62.3951

■ 88.3853, 97.3341,
73.8043

■ 23.0957, 16.2729,
61.5991

■ 19.5220, 12.1129,
60.9845

■ 16.7380, 9.0325,
60.5366

■ 14.6770, 6.9254,
60.2385

■ 13.2591, 5.6619,
60.0694

Harmonies

Analogous

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



53.4055, 56.1760, 68.6968



54.6783, 56.1760, 67.6357



55.6195, 56.1760, 64.8279

Triad

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



54.6783, 56.1760, 67.6357



54.6573, 56.1760, 55.0910



50.9049, 56.1760, 61.2002

Complementary

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



54.6783, 56.1760, 67.6357



57.6985, 62.0779, 61.1685

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.



51.2279, 56.1760, 57.6449



54.6783, 56.1760, 67.6357



53.3817, 56.1760, 54.2069

Square

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



54.6783, 56.1760, 67.6357



55.6072, 56.1760, 57.5881



52.1292, 56.1760, 55.1228



51.2395, 56.1760, 64.8894

Rectangle

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



54.6783, 56.1760, 67.6357



55.9247, 56.1760, 62.3981



52.1292, 56.1760, 55.1228



50.9401, 56.1760, 59.9504

Sweetspot

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



54.6799, 56.1784, 67.6369



92.0510, 96.0707, 108.2996



56.0312, 60.0499, 68.3130



19.7341, 20.6042, 23.1869



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.



54.6799, 56.1784, 67.6369



84.8617, 86.6835, 106.8666



56.2486, 56.9871, 67.7103



11.7934, 12.0224, 14.9426



8.0526, 3.3316, 37.4111



0.5243, 0.2245, 2.0953

Inverse Universe

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



56.7737, 57.3000, 65.8279



88.9079, 88.8514, 103.3516



56.1278, 61.2681, 61.0950



12.3940, 12.3443, 14.4199



19.9947, 9.8707, 20.6759



1.1487, 0.5642, 1.3177

Previews

White Background



This preview shows how the XYZ color 54.6783, 56.1760, 67.6357 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 54.6783, 56.1760, 67.6357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

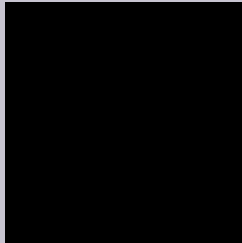
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6783, 56.1760, 67.6357

Background



This preview shows how black text looks on a background with the XYZ color 54.6783, 56.1760, 67.6357.

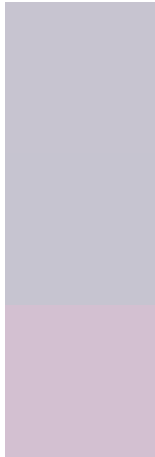


This preview shows how white text looks on a background with the XYZ color 54.6783, 56.1760,

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

54.6783, 56.1760, 67.6357

Protanopia

54.4138, 56.0397, 67.6233

Deuteranopia

57.2222, 56.1516, 68.1440



Tritanopia

55.0510, 56.3251, 69.5984

Trichromacy



Original Color

54.6783, 56.1760, 67.6357

Protanomaly

54.4138, 56.0397, 67.6233

Deuteranomaly

56.3107, 56.0088, 68.1645

Tritanomaly

54.9260, 56.2751, 68.9400

Monochromacy



Original Color

54.6783, 56.1760, 67.6357

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.9156, 56.2025, 63.8836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6783, 56.1760, 67.6357 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, 196, 208)` looks like.

```
.text, #text, p{  
    color:rgb(199, 196, 208)  
}
```

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, 196, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 196, 208) }
```

Border

The CSS property to change the border of an element to XYZ 54.6783, 56.1760, 67.6357 is called "border". The border property can be set on classes, ids or directly on the HTML element.

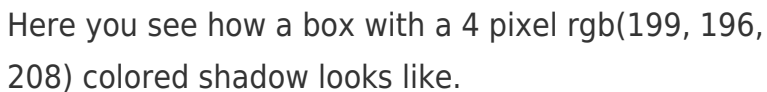
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 196, 208) }
```


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

```
.border{ border-color:rgb(199, 196, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 196, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 196, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 196, 208);  
box-shadow:4px 4px 4px 4px rgb(199, 196,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6783, 56.1760, 67.6357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 196, 208) }
```

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

```
.background{ background-color: rgb(199,  
196, 208) }
```

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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