

Converting Colors

XYZ(55.7070, 57.1052, 66.3192)

Have a look what the booklet for
XYZ(55.7070, 57.1052, 66.3192)
contains.

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Color

**XYZ(55.7354, 57.0852,
66.4735)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC5CE
RGB	203, 197, 206
RGB Percent	80%, 77%, 81%
CMY	0.2039, 0.2274, 0.1922
CMYK	0.01, 0.04, 0.00, 0.19
HSL	280°, 8%, 79%
HSV	280°, 4%, 81%
XYZ	55.7354, 57.0852, 66.4735
YIQ	199.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

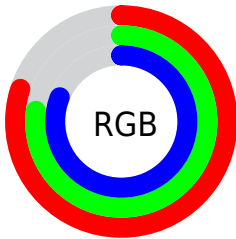
Format	Color
R_{YB}	203, 197, 206
Decimal	13354446
CIE _{Lab}	80.23, 3.73, -3.76
CIE _{LCh}	80, 5.294, 314.815
Yxy	57.0852, 0.3109, 0.3184
Android (android.graphics.Color)	4291544526 (0xFFCBC5CE)
YUV	199.8200, 3.0467, 2.7889
Hunter-Lab	75.5547, -0.5445, 0.7246

Details

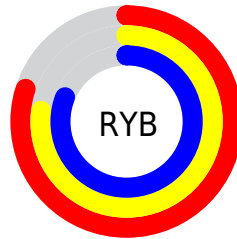
The XYZ color **55.7354, 57.0852, 66.4735** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9709, 60.4547, 61.5451**, and the grayscale version is **54.7719, 57.6243, 62.7529**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **27.8844, 28.3015, 33.6988** is the 20% darker color. If you saturate the color by 10%, you get **49.5449, 47.4194, 64.9349**, and if you desaturate by 10%, it is **62.6513, 68.0771, 68.2315**.

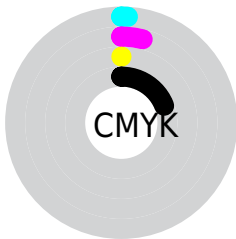
Distribution



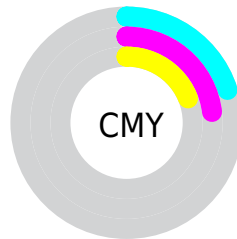
- Red (80%)
- Green (77%)
- Blue (81%)



- Red (80%)
- Yellow (77%)
- Blue (81%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (20%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7354, 57.0852, 66.4735 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 55.7354, 57.0852, 66.4735 by changing the saturation by 10% instead.

■ 55.7354, 57.0852,
66.4735

■ 55.7354, 57.0852,
66.4735

398.7848,
413.7685, 466.5187

■ 40.2270, 41.0736,
48.1980

97.7597, 100.5895,
115.7991

■ 27.9006, 28.3766,
33.6226

125.0062,
128.8510, 147.6863

■ 18.3908, 18.6098,
22.3288

156.8962,
161.9647, 184.9478

■ 11.3323, 11.3886,
13.8981

193.7949,
200.3148, 228.0022

■ 6.3597, 6.3289,
7.9119

236.0678,
244.2859, 277.2679

■ 3.1078, 3.0461,
3.9516

284.0802,

■ 1.2110, 1.1558,

294.2623, 333.1635

1.5989

338.1974,
350.6283, 396.1076

■ 0.1150, 0.0252,
0.2900

■ 0.0000, 0.0000,
0.0000

■ 55.7354, 57.0852,
66.4735

■ 55.7354, 57.0852,
66.4735

■ 49.5449, 47.4194,
64.9349

■ 62.6513, 68.0771,
68.2315

■ 44.0480, 39.0201,
63.6034

■ 70.3130, 80.4367,
70.2133

■ 39.2177, 31.8344,
62.4710

■ 77.5202, 91.7612,
72.0193

■ 35.0236, 25.8024,
61.5278

■ 79.6876, 92.8786,
72.1208

■ 31.4321, 20.8593,
60.7630

■ 81.9420, 94.0407,
72.2263

■ 28.4067, 16.9336,
60.1647

■ 84.2843, 95.2482,
72.3359

■ 25.9065, 13.9450,
59.7196

■ 86.7155, 96.5015,
72.4497

■ 23.8840, 11.8006,
59.4123

■ 88.1407, 97.2363,
72.5164

■ 22.2823, 10.3881,
59.2241

Harmonies

Analogous

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



54.7908, 57.0852, 68.0880



55.7354, 57.0852, 66.4735



56.2877, 57.0852, 63.7278

Triad

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



55.7354, 57.0852, 66.4735



54.8038, 57.0852, 56.5885



52.2738, 57.0852, 63.6900

Complementary

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



55.7354, 57.0852, 66.4735



55.9709, 60.4547, 61.5451

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.



52.2772, 57.0852, 60.6104



55.7354, 57.0852, 66.4735



53.7282, 57.0852, 56.5791

Square

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



55.7354, 57.0852, 66.4735



55.7451, 57.0852, 58.0557



52.8065, 57.0852, 58.0298



52.7972, 57.0852, 66.4451

Rectangle

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



55.7354, 57.0852, 66.4735



56.3546, 57.0852, 61.6579



52.8065, 57.0852, 58.0298



52.2136, 57.0852, 62.6569

Sweetspot

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



55.7370, 57.0876, 66.4747



93.9297, 98.2229, 108.6160



54.8578, 57.7070, 66.6406



20.1167, 21.0425, 23.2513



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.



55.7370, 57.0876, 66.4747



89.5697, 91.3357, 107.5165



56.3988, 57.4476, 65.6535



11.8212, 12.0102, 14.2655



13.3502, 6.0898, 36.4281



0.7671, 0.3546, 1.8830

Inverse Universe

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



55.8472, 57.2270, 62.7489



89.7783, 91.5979, 100.5413



55.3328, 60.1078, 62.3262



11.8523, 12.0490, 13.2367



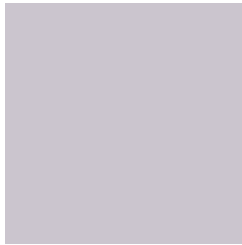
16.3696, 8.3584, 4.3991



0.8797, 0.4453, 0.4121

Previews

White Background



This preview shows how the XYZ color 55.7354, 57.0852, 66.4735 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 55.7354, 57.0852, 66.4735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

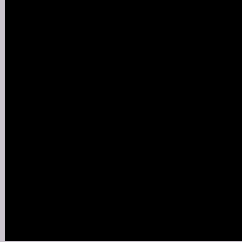
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7354, 57.0852, 66.4735

Background



This preview shows how black text looks on a background with the XYZ color 55.7354, 57.0852, 66.4735.

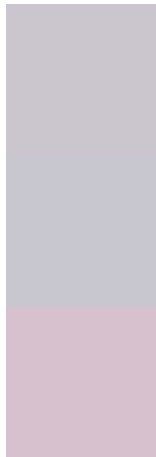


This preview shows how white text looks on a background with the XYZ color 55.7354, 57.0852,

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

55.7354, 57.0852, 66.4735

Protanopia

55.1541, 57.1238, 66.5116

Deuteranopia

58.3568, 57.0920, 66.9756



Tritanopia

56.5254, 57.0707, 70.3239

Trichromacy



Original Color

55.7354, 57.0852, 66.4735

Protanomaly

55.4221, 57.2619, 66.5241

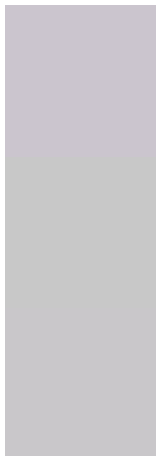
Deuteranomaly

57.4182, 56.9375, 66.9952

Tritanomaly

56.2746, 56.9704, 69.0032

Monochromacy



Original Color

55.7354, 57.0852, 66.4735

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.1715, 57.5286, 64.0734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7354, 57.0852, 66.4735 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(203, 197, 206) looks like.

```
.text, #text, p{  
    color:rgb(203, 197, 206)  
}
```

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(203, 197, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 197, 206) }
```

Border

The CSS property to change the border of an element to XYZ 55.7354, 57.0852, 66.4735 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(203, 197, 206) }
```


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

```
.border{ border-color:rgb(203, 197, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 197, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 197, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 197, 206);  
box-shadow:4px 4px 4px 4px rgb(203, 197,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7354, 57.0852, 66.4735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 197, 206) }
```

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

```
.background{ background-color: rgb(203,  
197, 206) }
```

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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