

Converting Colors

XYZ(56.5447, 57.0327, 66.8705)

Have a look what the booklet for
XYZ(56.5447, 57.0327, 66.8705)
contains.

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Color

**XYZ(56.7345, 57.2502,
67.0917)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC4CF
RGB	207, 196, 207
RGB Percent	81%, 77%, 81%
CMY	0.1882, 0.2314, 0.1882
CMYK	0.00, 0.05, 0.00, 0.19
HSL	300°, 10%, 79%
HSV	300°, 5%, 81%
XYZ	56.7345, 57.2502, 67.0917
YIQ	200.5430, 3.0250, 5.7530

Conversions

Conversions Part 2

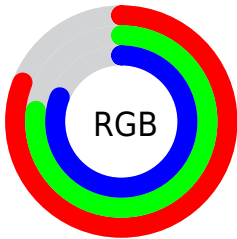
Format	Color
R_{YB}	207, 196, 207
Decimal	13616335
CIE Lab	80.32, 5.82, -4.12
CIE LCh	80, 7.129, 324.694
Yxy	57.2502, 0.3133, 0.3162
Android (android.graphics.Color)	4291806415 (0xFFCFC4CF)
YUV	200.5430, 3.1833, 5.6628
Hunter-Lab	75.6639, 1.4316, 0.3918

Details

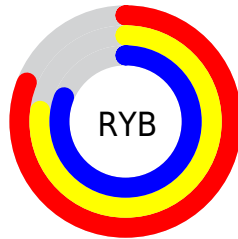
The XYZ color **56.7345, 57.2502, 67.0917** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.0438, 60.3485, 60.9747**, and the grayscale version is **55.2156, 58.0911, 63.2612**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **28.5596, 28.4182, 34.1170** is the 20% darker color. If you saturate the color by 10%, you get **52.3844, 48.5493, 65.6424**, and if you desaturate by 10%, it is **61.7321, 67.2444, 68.7582**.

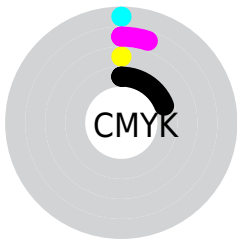
Distribution



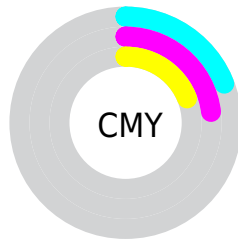
- Red (81%)
- Green (77%)
- Blue (81%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7345, 57.2502, 67.0917 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 56.7345, 57.2502, 67.0917 by changing the saturation by 10% instead.

■ 56.7345, 57.2502,
67.0917

■ 56.7345, 57.2502,
67.0917

402.4840,
414.3862, 468.7815

■ 41.0314, 41.2062,
48.6971

99.2113, 100.8302,
116.6937

■ 28.5314, 28.4802,
34.0153

126.7157,
129.1349, 148.7382

■ 18.8691, 18.6880,
22.6279

158.8846,
162.2953, 186.1696

■ 11.6792, 11.4450,
14.1163

196.0834,
200.6957, 229.4067

■ 6.5963, 6.3670,
8.0619

238.6773,
244.7207, 278.8679

■ 3.2550, 3.0695,
4.0463

287.0318,

■ 1.2900, 1.1681,

294.7544, 334.9717

1.6508

341.5123,
351.1815, 398.1367

■ 0.1757, 0.0354,
0.3267

■ 0.0000, 0.0000,
0.0000

■ 56.7345, 57.2502,
67.0917

■ 56.7345, 57.2502,
67.0917

■ 52.3844, 48.5493,
65.6424

■ 61.7321, 67.2444,
68.7582

■ 48.6506, 41.0818,
64.3978

■ 67.3969, 78.5739,
70.6465

■ 45.5068, 34.7943,
63.3499

■ 72.7554, 89.2908,
72.4326

■ 42.9227, 29.6264,
62.4886

■ 72.7555, 89.2908,
72.4326

40.8657, 25.5124,
61.8029

72.7555, 89.2909,
72.4326

39.2994, 22.3798,
61.2808

72.7556, 89.2909,
72.4326

38.1829, 20.1471,
60.9087

72.7557, 89.2909,
72.4326

37.4690, 18.7194,
60.6708

72.7558, 89.2910,
72.4326

37.0997, 17.9809,
60.5477

72.7559, 89.2910,
72.4326

Harmonies

Analogous

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



55.5942, 57.2502, 69.9181



56.7345, 57.2502, 67.0917



57.2539, 57.2502, 63.0811

Triad

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



56.7345, 57.2502, 67.0917



54.6742, 57.2502, 54.6786



51.9072, 57.2502, 65.7503

Complementary

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



56.7345, 57.2502, 67.0917



55.0438, 60.3485, 60.9747

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.



51.6708, 57.2502, 61.5963



56.7345, 57.2502, 67.0917



53.2518, 57.2502, 55.3224

Square

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



56.7345, 57.2502, 67.0917



56.0508, 57.2502, 56.0108



52.1588, 57.2502, 57.8100



52.8105, 57.2502, 69.1197

Rectangle

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



56.7345, 57.2502, 67.0917



57.1715, 57.2502, 60.3213



52.1588, 57.2502, 57.8100



51.7478, 57.2502, 64.3945

Sweetspot

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



56.7361, 57.2527, 67.0929



93.4445, 96.7891, 108.3648



53.8112, 55.8062, 66.9679



20.0178, 20.7505, 23.2001



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.



56.7361, 57.2527, 67.0929



90.3618, 90.6236, 107.3373



56.0971, 56.9971, 63.7275



12.5958, 12.5790, 15.0078



23.3078, 11.1959, 38.1251



1.3032, 0.6260, 2.1317

Inverse Universe

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



55.4379, 56.7334, 60.2563



87.9955, 89.6772, 94.8763



55.6597, 60.5949, 64.2182



12.2376, 12.4357, 13.1213



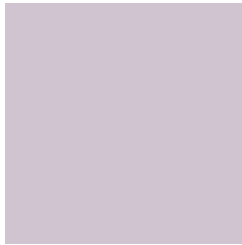
16.2124, 8.3578, 0.7588



0.9065, 0.4673, 0.0424

Previews

White Background



This preview shows how the XYZ color 56.7345, 57.2502, 67.0917 looks on a white background.

Color Contrast Check

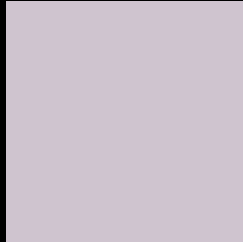
Large Text (above 18pt) WCAG AA × Fail

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 56.7345, 57.2502, 67.0917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

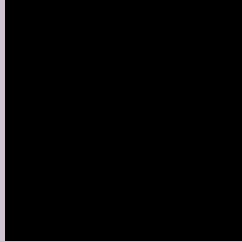
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.7345, 57.2502, 67.0917

Background



This preview shows how black text looks on a background with the XYZ color 56.7345, 57.2502, 67.0917.



This preview shows how white text looks on a background with the XYZ color 56.7345, 57.2502,

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

56.7345, 57.2502, 67.0917

Protanopia

55.3987, 57.2216, 67.7996

Deuteranopia

58.4795, 57.1411, 67.6216



Tritanopia

57.2854, 57.1433, 69.6385

Trichromacy



Original Color

56.7345, 57.2502, 67.0917

Protanomaly

55.9800, 57.1831, 67.7615

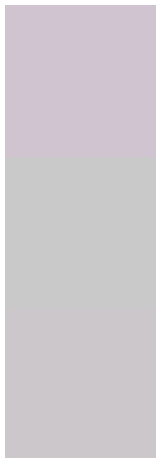
Deuteranomaly

57.8283, 57.1347, 67.6547

Tritanomaly

57.1604, 57.0933, 68.9802

Monochromacy



Original Color

56.7345, 57.2502, 67.0917

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.8315, 57.8552, 64.7244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7345, 57.2502, 67.0917 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(207, 196, 207)` looks like.

```
.text, #text, p{  
    color:rgb(207, 196, 207)  
}
```

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(207, 196, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 196, 207) }
```

Border

The CSS property to change the border of an element to XYZ 56.7345, 57.2502, 67.0917 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(207, 196, 207) }
```


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

```
.border{ border-color:rgb(207, 196, 207) }
```

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

Here you see how a box with a 4 pixel rgb(207, 196, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 196, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 196, 207);  
box-shadow:4px 4px 4px 4px rgb(207, 196,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7345, 57.2502, 67.0917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 196, 207) }
```

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

```
.background{ background-color: rgb(207,  
196, 207) }
```

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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