

Converting Colors

XYZ(55.3111, 54.7566, 66.3989)

Have a look what the booklet for
XYZ(55.3111, 54.7566, 66.3989)
contains.

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Color

**XYZ(55.3469, 54.8884,
66.7089)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBFCF
RGB	206, 191, 207
RGB Percent	81%, 75%, 81%
CMY	0.1922, 0.2510, 0.1882
CMYK	0.00, 0.08, 0.00, 0.19
HSL	296°, 14%, 78%
HSV	296°, 8%, 81%
XYZ	55.3469, 54.8884, 66.7089
YIQ	197.3090, 3.8040, 8.1560

Conversions

Conversions Part 2

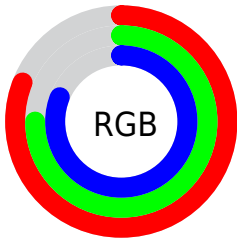
Format	Color
R_{YB}	206, 191, 207
Decimal	13549519
CIE Lab	78.98, 8.15, -6.11
CIE LCh	79, 10.185, 323.123
Yxy	54.8884, 0.3128, 0.3102
Android (android.graphics.Color)	4291739599 (0xFFCEBFCF)
YUV	197.3090, 4.7777, 7.6220
Hunter-Lab	74.0867, 3.6977, -1.5250

Details

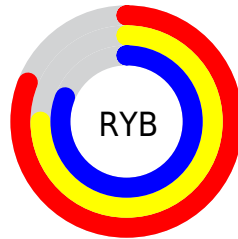
The XYZ color **55.3469, 54.8884, 66.7089** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4570, 59.5951, 57.9785**, and the grayscale version is **53.2294, 56.0014, 60.9856**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **27.7871, 27.1523, 33.9134** is the 20% darker color. If you saturate the color by 10%, you get **50.7908, 46.3065, 65.2934**, and if you desaturate by 10%, it is **60.5471, 64.7526, 68.3396**.

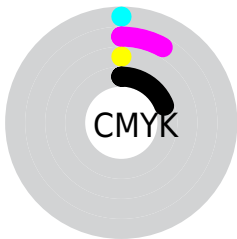
Distribution



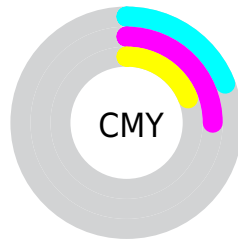
- Red (81%)
- Green (75%)
- Blue (81%)



- Red (81%)
- Yellow (75%)
- Blue (81%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)



- Cyan (19%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3469, 54.8884, 66.7089 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 55.3469, 54.8884, 66.7089 by changing the saturation by 10% instead.

■ 55.3469, 54.8884,
66.7089

■ 55.3469, 54.8884,
66.7089

397.3406,
405.4888, 467.3811

■ 39.9145, 39.3124,
48.3880

■ 97.1944, 97.3774,
116.1399

■ 27.6558, 27.0028,
33.7721

124.3402,
125.0592, 148.0870

■ 18.2055, 17.5753,
22.4426

156.1211,
157.5451, 185.4133

■ 11.1982, 10.6455,
13.9811

192.9026,
195.2193, 228.5373

■ 6.2686, 5.8290,
7.9689

235.0499,
238.4665, 277.8776

■ 3.0513, 2.7414,
3.9876

282.9284,

■ 1.1809, 0.9983,

287.6708, 333.8526

1.6185

336.9036,
343.2168, 396.8809

■ 0.0912, 0.0000,
0.3040

■ 0.0000, 0.0000,
0.0000

■ 55.3469, 54.8884,
66.7089

■ 55.3469, 54.8884,
66.7089

■ 50.7908, 46.3065,
65.2934

■ 60.5471, 64.7526,
68.3396

■ 46.8475, 38.9465,
64.0806

■ 66.4117, 75.9420,
70.1903

■ 43.4900, 32.7537,
63.0622

■ 72.9661, 88.5065,
72.2700

■ 40.6875, 27.6668,
62.2280

■ 73.9372, 89.9000,
72.4878

38.4066, 23.6185,
61.5669

74.3098, 90.0921,
72.5053

36.6099, 20.5344,
61.0663

74.6854, 90.2857,
72.5228

35.2553, 18.3301,
60.7122

75.0639, 90.4809,
72.5406

34.2934, 16.9068,
60.4882

75.4455, 90.6776,
72.5584

33.6538, 16.1239,
60.3708

75.8301, 90.8758,
72.5764

Harmonies

Analogous

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



53.7139, 54.8884, 70.6175



55.3469, 54.8884, 66.7089



56.1318, 54.8884, 61.1093

Triad

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



55.3469, 54.8884, 66.7089



52.6374, 54.8884, 49.3625



48.6702, 54.8884, 64.2513

Complementary

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



55.3469, 54.8884, 66.7089



53.4570, 59.5951, 57.9785

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.



48.3987, 54.8884, 58.4389



55.3469, 54.8884, 66.7089



50.6555, 54.8884, 50.0841

Square

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



55.3469, 54.8884, 66.7089



54.5415, 54.8884, 51.2803



49.1166, 54.8884, 53.3189



49.8679, 54.8884, 69.1356

Rectangle

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



55.3469, 54.8884, 66.7089



56.0545, 54.8884, 57.2678



49.1166, 54.8884, 53.3189



48.4689, 54.8884, 62.3320

Sweetspot

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



55.3485, 54.8908, 66.7101



93.3274, 96.7287, 108.3594



51.6150, 53.3126, 66.6023



19.9939, 20.7382, 23.1990



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.



55.3485, 54.8908, 66.7101



87.6349, 85.9503, 106.5790



54.7978, 54.7026, 62.3567



12.2348, 11.9699, 14.9092



21.1534, 10.0853, 38.0242



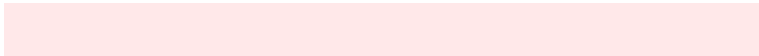
1.2053, 0.5755, 2.1271

Inverse Universe

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



53.8793, 54.3352, 57.5198



84.8880, 84.9123, 89.3697



53.9859, 59.7775, 62.0806



11.8383, 11.8200, 12.4242



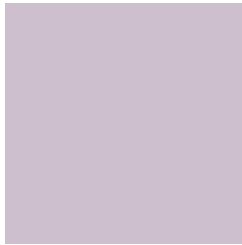
16.2701, 8.3809, 1.0623



0.9205, 0.4729, 0.1160

Previews

White Background



This preview shows how the XYZ color 55.3469, 54.8884, 66.7089 looks on a white background.

Color Contrast Check

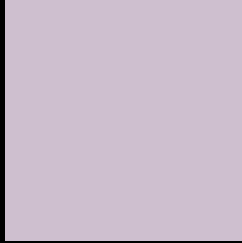
Large Text (above 18pt) WCAG AA × Fail

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 55.3469, 54.8884, 66.7089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

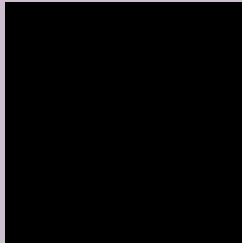
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3469, 54.8884, 66.7089

Background



This preview shows how black text looks on a background with the XYZ color 55.3469, 54.8884, 66.7089.

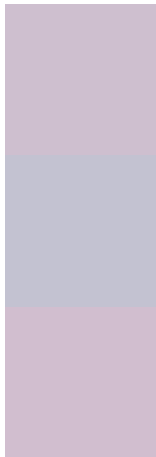


This preview shows how white text looks on a background with the XYZ color 55.3469, 54.8884,

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

55.3469, 54.8884, 66.7089

Protanopia

53.3061, 54.7891, 68.0874

Deuteranopia

55.9704, 54.8872, 66.6758



Tritanopia

55.2250, 54.8396, 66.0670

Trichromacy



Original Color

55.3469, 54.8884, 66.7089

Protanomaly

54.0083, 54.8361, 67.4124

Deuteranomaly

55.6884, 54.7418, 66.6626

Tritanomaly

55.2250, 54.8396, 66.0670

Monochromacy



Original Color

55.3469, 54.8884, 66.7089

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.8771, 55.5266, 63.1364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3469, 54.8884, 66.7089 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(206, 191, 207)` looks like.

```
.text, #text, p{  
    color:rgb(206, 191, 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(206, 191, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 191, 207) }
```

Border

The CSS property to change the border of an element to XYZ 55.3469, 54.8884, 66.7089 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(206, 191, 207) }
```


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

```
.border{ border-color:rgb(206, 191, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 191, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 191, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 191, 207);  
box-shadow:4px 4px 4px 4px rgb(206, 191,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3469, 54.8884, 66.7089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 191, 207) }
```

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

```
.background{ background-color: rgb(206,  
191, 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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