

Converting Colors

XYZ(55.8975, 54.9595, 65.8345)

Have a look what the booklet for
XYZ(55.8975, 54.9595, 65.8345)
contains.

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Color

**XYZ(55.8485, 54.8385,
66.0339)**

Conversions

Conversions Part 1

Format	Color
Hex	D1BECE
RGB	209, 190, 206
RGB Percent	82%, 75%, 81%
CMY	0.1804, 0.2549, 0.1922
CMYK	0.00, 0.09, 0.01, 0.18
HSL	309°, 17%, 78%
HSV	309°, 9%, 82%
XYZ	55.8485, 54.8385, 66.0339
YIQ	197.5050, 6.1880, 9.0040

Conversions

Conversions Part 2

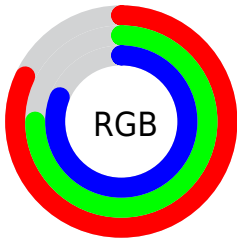
Format	Color
R _Y B	209, 190, 206
Decimal	13745870
CIE Lab	78.95, 9.53, -5.59
CIE LCh	79, 11.046, 329.617
Yxy	54.8385, 0.3160, 0.3103
Android (android.graphics.Color)	4291935950 (0xFFD1BECE)
YUV	197.5050, 4.1880, 10.0811
Hunter-Lab	74.0530, 5.0264, -1.0324

Details

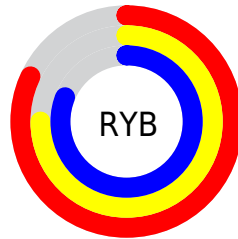
The XYZ color **55.8485, 54.8385, 66.0339** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6634, 60.3997, 59.2849**, and the grayscale version is **53.3504, 56.1288, 61.1243**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **28.1307, 27.1269, 33.4591** is the 20% darker color. If you saturate the color by 10%, you get **51.2462, 46.2680, 62.5429**, and if you desaturate by 10%, it is **61.1115, 64.7153, 69.7880**.

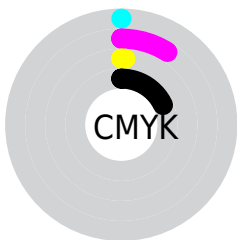
Distribution



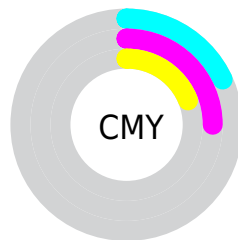
- Red (82%)
- Green (75%)
- Blue (81%)



- Red (82%)
- Yellow (75%)
- Blue (81%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (18%)



- Cyan (18%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8485, 54.8385, 66.0339 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 55.8485, 54.8385, 66.0339 by changing the saturation by 10% instead.

■ 55.8485, 54.8385,
66.0339

■ 55.8485, 54.8385,
66.0339

399.2046,
405.2994, 464.9056

■ 40.3180, 39.2724,
47.8433

■ 97.9241, 97.3043,
115.1625

■ 27.9719, 26.9717,
33.3437

125.2000,
124.9728, 146.9375

■ 18.4448, 17.5520,
22.1166

157.1216,
157.4443, 184.0777

■ 11.3714, 10.6288,
13.7435

194.0544,
195.1031, 227.0016

■ 6.3864, 5.8178,
7.8057

236.3638,
238.3336, 276.1278

■ 3.1243, 2.7346,
3.8849

284.4150,

■ 1.2198, 0.9948,

287.5202, 331.8749

1.5624

338.5735,
343.0474, 394.6613

■ 0.1219, 0.0000,
0.2638

■ 0.0000, 0.0000,
0.0000

■ 55.8485, 54.8385,
66.0339

■ 55.8485, 54.8385,
66.0339

■ 51.2462, 46.2680,
62.5429

■ 61.1115, 64.7153,
69.7880

■ 47.2722, 38.9418,
59.3019

■ 67.0564, 75.9431,
73.8106

■ 43.8988, 32.8031,
56.3022

■ 73.7092, 88.5730,
78.1111

■ 41.0939, 27.7885,
53.5328

■ 74.8677, 90.2006,
80.6226

38.8228, 23.8280,
50.9818

75.3072, 90.3764,
82.9368

37.0465, 20.8444,
48.6360

75.7554, 90.5557,
85.2967

35.7212, 18.7495,
46.4806

76.2122, 90.7384,
87.7026

34.7946, 17.4394,
44.4978

76.6779, 90.9247,
90.1546

34.1814, 16.7432,
42.6590

77.1523, 91.1145,
92.6530

Harmonies

Analogous

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



54.2360, 54.8385, 70.8457



55.8485, 54.8385, 66.0339



56.4575, 54.8385, 59.7906

Triad

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



55.8485, 54.8385, 66.0339



52.1505, 54.8385, 48.4206



48.5389, 54.8385, 65.8845

Complementary

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



55.8485, 54.8385, 66.0339



53.6634, 60.3997, 59.2849

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.



48.0150, 54.8385, 59.6291



55.8485, 54.8385, 66.0339



50.0643, 54.8385, 49.8066

Square

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



55.8485, 54.8385, 66.0339



54.2861, 54.8385, 49.8782



48.5657, 54.8385, 53.8029



50.0168, 54.8385, 70.7553

Rectangle

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



55.8485, 54.8385, 66.0339



56.1996, 54.8385, 55.7431



48.5657, 54.8385, 53.8029



48.2472, 54.8385, 63.8604

Sweetspot

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



55.8501, 54.8409, 66.0351



92.4640, 95.1382, 107.0815



51.8786, 52.7510, 67.7699



19.6467, 20.0924, 22.8172



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.



55.8501, 54.8409, 66.0351



86.0403, 83.1088, 102.4190



54.7477, 54.3999, 60.2302



12.2272, 11.9756, 14.4725



21.0741, 10.3025, 26.3601



1.2004, 0.5849, 1.5901

Inverse Universe

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



55.8501, 54.8409, 66.0351



86.0403, 83.1088, 102.4190



54.7397, 60.8302, 64.9525



12.2272, 11.9756, 14.4725



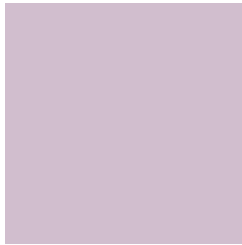
21.0741, 10.3025, 26.3601



1.2004, 0.5849, 1.5901

Previews

White Background



This preview shows how the XYZ color 55.8485, 54.8385, 66.0339 looks on a white background.

Color Contrast Check

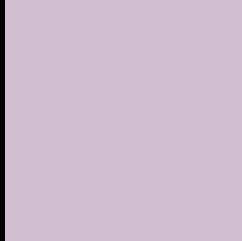
Large Text (above 18pt) WCAG AA × Fail

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 55.8485, 54.8385, 66.0339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

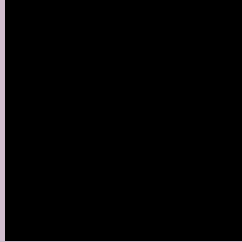
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8485, 54.8385, 66.0339

Background



This preview shows how black text looks on a background with the XYZ color 55.8485, 54.8385, 66.0339.



This preview shows how white text looks on a background with the XYZ color 55.8485, 54.8385,

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

55.8485, 54.8385, 66.0339

Protanopia

53.3061, 54.7891, 68.0874

Deuteranopia

56.1324, 54.9848, 66.0471



Tritanopia

55.7274, 54.7900, 65.3960

Trichromacy



Original Color

55.8485, 54.8385, 66.0339

Protanomaly

54.2745, 54.9734, 67.4249

Deuteranomaly

56.1324, 54.9848, 66.0471

Tritanomaly

55.7274, 54.7900, 65.3960

Monochromacy



Original Color

55.8485, 54.8385, 66.0339

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.4148, 55.8038, 63.1616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8485, 54.8385, 66.0339 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(209, 190, 206) looks like.

```
.text, #text, p{  
    color:rgb(209, 190, 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(209, 190, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 190, 206) }
```

Border

The CSS property to change the border of an element to XYZ 55.8485, 54.8385, 66.0339 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(209, 190, 206) }
```


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

```
.border{ border-color:rgb(209, 190, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 190, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 190, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 190, 206);  
box-shadow:4px 4px 4px 4px rgb(209, 190,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8485, 54.8385, 66.0339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 190, 206) }
```

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

```
.background{ background-color: rgb(209,  
190, 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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