

Converting Colors

XYZ(57.5825, 55.5228, 50.9123)

Have a look what the booklet for
XYZ(57.5825, 55.5228, 50.9123)
contains.

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Color

**XYZ(57.5855, 55.4305,
50.8441)**

Conversions

Conversions Part 1

Format	Color
Hex	E2BCB4
RGB	226, 188, 180
RGB Percent	89%, 74%, 71%
CMY	0.1137, 0.2627, 0.2941
CMYK	0.00, 0.17, 0.20, 0.11
HSL	10°, 44%, 80%
HSV	10°, 20%, 89%
XYZ	57.5855, 55.4305, 50.8441
YIQ	198.4500, 25.2160, 5.5680

Conversions

Conversions Part 2

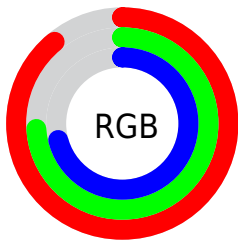
Format	Color
R_{YB}	226, 190, 180
Decimal	14859444
CIE _{Lab}	79.29, 12.36, 9.13
CIE _{LCh}	79, 15.364, 36.446
Yxy	55.4305, 0.3514, 0.3383
Android (android.graphics.Color)	4293049524 (0xFFE2BCB4)
YUV	198.4500, -9.0959, 24.1613
Hunter-Lab	74.4517, 7.7725, 11.6262

Details

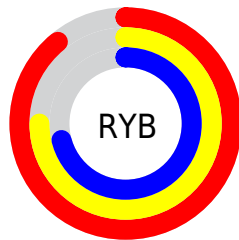
The XYZ color **57.5855, 55.4305, 50.8441** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.6208, 65.3355, 81.5260**, and the grayscale version is **53.9945, 56.8064, 61.8622**.

A 20% lighter version of the original color is **88.7310, 92.0175, 92.4414**, and **29.0723, 27.4063, 23.8363** is the 20% darker color. If you saturate the color by 10%, you get **51.7353, 47.1188, 38.4463**, and if you desaturate by 10%, it is **64.3300, 64.9291, 65.3932**.

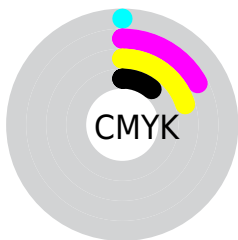
Distribution



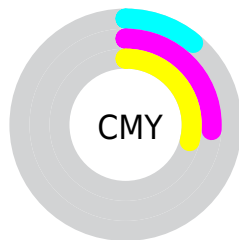
- Red (89%)
- Green (74%)
- Blue (71%)



- Red (89%)
- Yellow (75%)
- Blue (71%)



- Cyan (0%)
- Magenta (17%)
- Yellow (20%)
- Black (11%)





- Cyan (11%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5855, 55.4305, 50.8441 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 57.5855, 55.4305, 50.8441 by changing the saturation by 10% instead.


 57.5855, 55.4305,
50.8441

 57.5855, 55.4305,
50.8441


405.6184,
407.5417, 406.7870

 41.7175, 39.7465,
35.7087


 100.4454, 98.1714,
92.8334

 29.0703, 27.3410,
23.9214


128.1681,
125.9971, 120.5244

 19.2785, 17.8295,
15.0637


160.5729,
158.6389, 153.2377

 11.9769, 10.8276,
8.7170

198.0254,
196.4810, 191.3918

 6.8000, 5.9510,
4.4627

240.8909,
239.9080, 235.4052

 3.3826, 2.8153,
1.8825

289.5346,

 1.3592, 1.0361,

289.3042, 285.6965

0.4816

344.3220,
345.0540, 342.6843

■ 0.2268, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5855, 55.4305,
50.8441

■ 57.5855, 55.4305,
50.8441

■ 51.7353, 47.1188,
38.4463

■ 64.3300, 64.9291,
65.3932

■ 46.7371, 39.9398,
28.0942

■ 71.9997, 75.6509,
82.1857

■ 42.5518, 33.8465,
19.6784

■ 80.6299, 87.6401,
101.3122

■ 39.1354, 28.7855,
13.0776

■ 85.1742, 94.9089,
108.4378

■ 36.4397, 24.6988,
8.1571

■ 34.4109, 21.5227,
4.7632

■ 32.9868, 19.1853,
2.7136

■ 32.1005, 17.6414,
1.7132

Harmonies

Analogous

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



58.7810, 55.4305, 58.4735



57.5855, 55.4305, 50.8441



55.0832, 55.4305, 46.1255

Triad

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



57.5855, 55.4305, 50.8441



47.4491, 55.4305, 53.8377



53.3515, 55.4305, 78.7915

Complementary

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



57.5855, 55.4305, 50.8441



57.6208, 65.3355, 81.5260

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.



50.3575, 55.4305, 77.2444



57.5855, 55.4305, 50.8441



47.0258, 55.4305, 62.2752

Square

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



57.5855, 55.4305, 50.8441



49.2503, 55.4305, 47.7327



48.0708, 55.4305, 70.9823



56.2759, 55.4305, 75.0253

Rectangle

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



57.5855, 55.4305, 50.8441



53.0524, 55.4305, 44.9830



48.0708, 55.4305, 70.9823



52.3193, 55.4305, 78.8804

Sweetspot

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



57.5870, 55.4330, 50.8453



88.7837, 91.2536, 95.1389



60.3844, 53.8914, 73.7786



18.8632, 19.3360, 20.0573



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.



57.5870, 55.4330, 50.8453



72.6549, 68.5456, 60.3225



62.8144, 65.8877, 52.5877



13.8991, 14.0841, 14.2927



18.3732, 10.1843, 0.9974



1.3318, 0.8224, 0.0885

Inverse Universe

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



57.6208, 65.3355, 81.5260



72.7032, 83.5756, 106.9076



52.1404, 54.3748, 79.6993



13.9031, 15.1452, 17.5782



18.0080, 23.4855, 44.6324



1.3023, 1.7360, 3.1117

Previews

White Background



This preview shows how the XYZ color 57.5855, 55.4305, 50.8441 looks on a white background.

Color Contrast Check

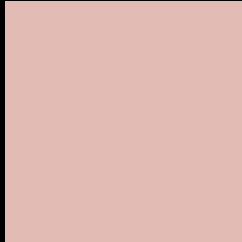
Large Text (above 18pt) WCAG AA × Fail

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 57.5855, 55.4305, 50.8441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

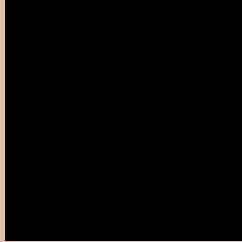
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5855, 55.4305, 50.8441

Background



This preview shows how black text looks on a background with the XYZ color 57.5855, 55.4305, 50.8441.



This preview shows how white text looks on a background with the XYZ color 57.5855, 55.4305,

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

57.5855, 55.4305, 50.8441

Protanopia

53.0203, 55.6371, 53.2920

Deuteranopia

56.7759, 55.6518, 50.9295



Tritanopia

59.6527, 55.3154, 61.5657

Trichromacy



Original Color

57.5855, 55.4305, 50.8441

Protanomaly

54.4812, 55.4077, 52.6230

Deuteranomaly

56.8672, 55.3785, 50.8719

Tritanomaly

58.7519, 55.2545, 57.4378

Monochromacy



Original Color

57.5855, 55.4305, 50.8441

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.7082, 55.7551, 57.1686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5855, 55.4305, 50.8441 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(226, 188, 180)` looks like.

```
.text, #text, p{  
    color:rgb(226, 188, 180)  
}
```

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(226, 188, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 188, 180) }
```

Border

The CSS property to change the border of an element to XYZ 57.5855, 55.4305, 50.8441 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(226, 188, 180) }
```


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

```
.border{ border-color:rgb(226, 188, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 188, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 188, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 188, 180);  
box-shadow:4px 4px 4px 4px rgb(226, 188,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5855, 55.4305, 50.8441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 188, 180) }
```

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

```
.background{ background-color: rgb(226,  
188, 180) }
```

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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