

Converting Colors

XYZ(57.7955, 55.6491, 67.7758)

Have a look what the booklet for
XYZ(57.7955, 55.6491, 67.7758)
contains.

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Color

**XYZ(57.9464, 55.8774,
68.0529)**

Conversions

Conversions Part 1

Format	Color
Hex	D7BED1
RGB	215, 190, 209
RGB Percent	84%, 75%, 82%
CMY	0.1569, 0.2549, 0.1804
CMYK	0.00, 0.12, 0.03, 0.16
HSL	314°, 24%, 79%
HSV	314°, 12%, 84%
XYZ	57.9464, 55.8774, 68.0529
YIQ	199.6410, 8.8010, 11.2090

Conversions

Conversions Part 2

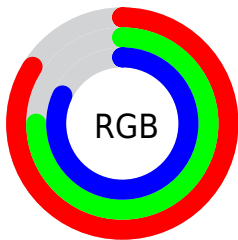
Format	Color
R _Y B	215, 190, 209
Decimal	14139089
CIE Lab	79.54, 12.14, -6.27
CIE LCh	80, 13.662, 332.694
Yxy	55.8774, 0.3186, 0.3072
Android (android.graphics.Color)	4292329169 (0xFFD7BED1)
YUV	199.6410, 4.6140, 13.4698
Hunter-Lab	74.7512, 7.5569, -1.6513

Details

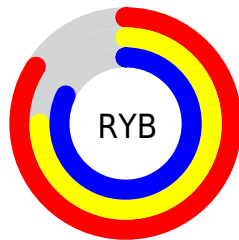
The XYZ color **57.9464, 55.8774, 68.0529** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5016, 63.5351, 61.5658**, and the grayscale version is **54.6491, 57.4951, 62.6121**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **29.3593, 27.7315, 34.8157** is the 20% darker color. If you saturate the color by 10%, you get **53.0007, 46.9913, 63.3032**, and if you desaturate by 10%, it is **63.6030, 66.1505, 73.1430**.

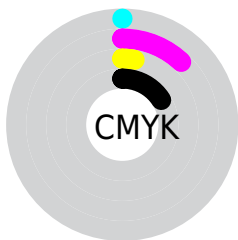
Distribution



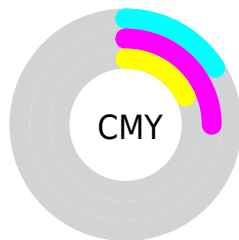
- Red (84%)
- Green (75%)
- Blue (82%)



- Red (84%)
- Yellow (75%)
- Blue (82%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (16%)



- Cyan (16%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9464, 55.8774, 68.0529 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 57.9464, 55.8774, 68.0529 by changing the saturation by 10% instead.

57.9464, 55.8774,
68.0529

57.9464, 55.8774,
68.0529

406.9433,
409.2293, 472.2866

42.0087, 40.1046,
49.4738

100.9682, 98.8253,
118.0827

29.2992, 27.6201,
34.6272

128.7830,
126.7692, 150.3706

19.4527, 18.0395,
23.0946

161.2875,
159.5390, 188.0651

12.1038, 10.9784,
14.4574

198.8471,
197.5190, 231.5848

6.8871, 6.0523,
8.2971

241.8271,
241.0936, 281.3483

3.4373, 2.8769,
4.1952

290.5929,

1.3890, 1.0678,

290.6473, 337.7740

1.7330

345.5098,
346.5644, 401.2806

■ 0.2484, 0.0000,
0.3832

■ 0.0000, 0.0000,
0.0000

■ 57.9464, 55.8774,
68.0529

■ 57.9464, 55.8774,
68.0529

■ 53.0007, 46.9913,
63.3032

■ 63.6030, 66.1505,
73.1430

■ 48.7308, 39.4248,
58.8793

■ 69.9939, 77.8595,
78.5803

■ 45.1060, 33.1160,
54.7707

■ 77.1474, 91.0602,
84.3758

■ 42.0912, 27.9951,
50.9646

■ 78.0178, 91.6605,
88.1818

39.6480, 23.9853,
47.4473

78.7520, 91.9542,
92.0483

37.7332, 21.0010,
44.2034

79.5079, 92.2565,
96.0286

36.2977, 18.9439,
41.2154

80.2856, 92.5676,
100.1239

35.2824, 17.6965,
38.4627

81.0852, 92.8875,
104.3349

34.6708, 17.1057,
36.3096

81.8347, 93.1873,
108.2815

Harmonies

Analogous

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



56.0164, 55.8774, 74.4905



57.9464, 55.8774, 68.0529



58.5666, 55.8774, 60.1321

Triad

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



57.9464, 55.8774, 68.0529



52.8617, 55.8774, 46.9378



48.7845, 55.8774, 69.3897

Complementary

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



57.9464, 55.8774, 68.0529



55.5016, 63.5351, 61.5658

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.



48.0029, 55.8774, 61.5554



57.9464, 55.8774, 68.0529



50.3055, 55.8774, 48.9699

Square

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



57.9464, 55.8774, 68.0529



55.5716, 55.8774, 48.3567



48.5501, 55.8774, 54.1575



50.7217, 55.8774, 75.3079

Rectangle

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



57.9464, 55.8774, 68.0529



58.1371, 55.8774, 55.1854



48.5501, 55.8774, 54.1575



48.3810, 55.8774, 66.8704

Sweetspot

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



57.9480, 55.8798, 68.0541



92.3636, 95.0981, 106.5530



53.4031, 53.4494, 71.7930



19.6195, 20.0815, 22.6742



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.



57.9480, 55.8798, 68.0541



83.3506, 78.7600, 98.3449



56.4796, 55.2925, 60.3214



12.8196, 12.5794, 14.9905



20.7804, 10.2485, 21.9456



1.2847, 0.6307, 1.4888

Inverse Universe

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



57.9480, 55.8798, 68.0541



83.3506, 78.7600, 98.3449



56.9637, 64.1199, 69.2653



12.8196, 12.5794, 14.9905



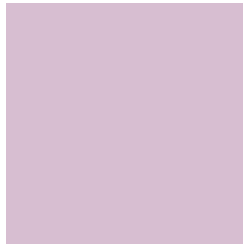
20.7804, 10.2485, 21.9456



1.2847, 0.6307, 1.4888

Previews

White Background



This preview shows how the XYZ color 57.9464, 55.8774, 68.0529 looks on a white background.

Color Contrast Check

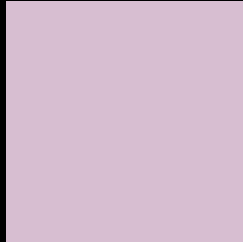
Large Text (above 18pt) WCAG AA × Fail

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 57.9464, 55.8774, 68.0529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

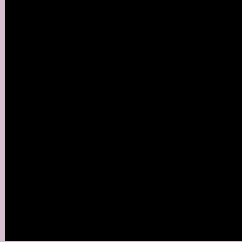
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9464, 55.8774, 68.0529

Background



This preview shows how black text looks on a background with the XYZ color 57.9464, 55.8774, 68.0529.



This preview shows how white text looks on a background with the XYZ color 57.9464, 55.8774,

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

57.9464, 55.8774, 68.0529

Protanopia

54.5151, 56.0197, 70.8904

Deuteranopia

57.0034, 55.7139, 68.0711



Tritanopia

57.7957, 56.1649, 66.1873

Trichromacy



Original Color

57.9464, 55.8774, 68.0529

Protanomaly

55.8041, 56.0335, 70.1617

Deuteranomaly

57.2908, 55.8621, 68.0845

Tritanomaly

57.9176, 56.2137, 66.8292

Monochromacy



Original Color

57.9464, 55.8774, 68.0529

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.6963, 56.7708, 64.5223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9464, 55.8774, 68.0529 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(215, 190, 209)` looks like.

```
.text, #text, p{  
    color:rgb(215, 190, 209)  
}
```

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(215, 190, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 190, 209) }
```

Border

The CSS property to change the border of an element to XYZ 57.9464, 55.8774, 68.0529 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(215, 190, 209) }
```


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

```
.border{ border-color:rgb(215, 190, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 190, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 190, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 190, 209);  
box-shadow:4px 4px 4px 4px rgb(215, 190,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9464, 55.8774, 68.0529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 190, 209) }
```

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

```
.background{ background-color: rgb(215,  
190, 209) }
```

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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