

Converting Colors

XYZ(55.8233, 55.1680, 68.9291)

Have a look what the booklet for
XYZ(55.8233, 55.1680, 68.9291)
contains.

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Color

**XYZ(55.7173, 55.0366,
68.6593)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBFD2
RGB	206, 191, 210
RGB Percent	81%, 75%, 82%
CMY	0.1922, 0.2510, 0.1765
CMYK	0.02, 0.09, 0.00, 0.18
HSL	287°, 17%, 79%
HSV	287°, 9%, 82%
XYZ	55.7173, 55.0366, 68.6593
YIQ	197.6510, 2.8410, 9.0890

Conversions

Conversions Part 2

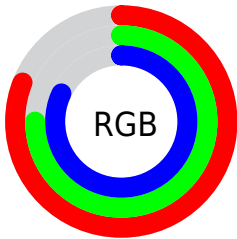
Format	Color
RYB	206, 191, 210
Decimal	13549522
CIELab	79.06, 8.71, -7.60
CIELCh	79, 11.561, 318.872
Yxy	55.0366, 0.3106, 0.3068
Android (android.graphics.Color)	4291739602 (0xFFCEBFD2)
YUV	197.6510, 6.0881, 7.3221
Hunter-Lab	74.1867, 4.2344, -2.9419

Details

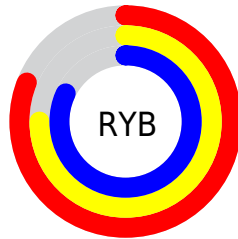
The XYZ color **55.7173, 55.0366, 68.6593** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9583, 61.4584, 58.2591**, and the grayscale version is **53.4292, 56.2116, 61.2145**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **28.0381, 27.2527, 35.2350** is the 20% darker color. If you saturate the color by 10%, you get **50.2522, 45.9025, 67.1851**, and if you desaturate by 10%, it is **61.8768, 65.5065, 70.3564**.

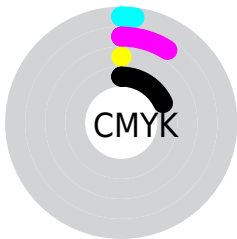
Distribution



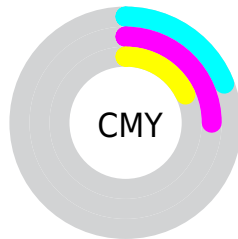
- Red (81%)
- Green (75%)
- Blue (82%)



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



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7173, 55.0366, 68.6593 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 55.7173, 55.0366, 68.6593 by changing the saturation by 10% instead.

■ 55.7173, 55.0366,
68.6593

■ 55.7173, 55.0366,
68.6593

398.7176,
406.0507, 474.4898

■ 40.2124, 39.4310,
49.9643

■ 97.7333, 97.5946,
118.9579

■ 27.8892, 27.0952,
35.0140

124.9752,
125.3158, 151.3986

■ 18.3821, 17.6447,
23.3900

156.8601,
157.8443, 189.2583

■ 11.3260, 10.6952,
14.6738

193.7534,
195.5645, 232.9554

■ 6.3555, 5.8623,
8.4467

236.0204,
238.8609, 282.9086

■ 3.1051, 2.7615,
4.2902

284.0266,

■ 1.2096, 1.0085,

288.1178, 339.5363

1.7859

338.1372,
343.7196, 403.2572

■ 0.1139, 0.0000,
0.4186

■ 0.0000, 0.0000,
0.0000

■ 55.7173, 55.0366,
68.6593

■ 55.7173, 55.0366,
68.6593

■ 50.2522, 45.9025,
67.1851

■ 61.8768, 65.5065,
70.3564

■ 45.4486, 38.0412,
65.9209

■ 68.7522, 77.3575,
72.2815

■ 41.2780, 31.3956,
64.8580

■ 76.3702, 90.6416,
74.4441

■ 37.7079, 25.9009,
63.9856

■ 78.0369, 91.9707,
74.6128

■ 34.7028, 21.4866,
63.2919

■ 79.4228, 92.6851,
74.6776

■ 32.2232, 18.0743,
62.7640

■ 80.8445, 93.4181,
74.7442

■ 30.2243, 15.5746,
62.3868

■ 82.3024, 94.1697,
74.8124

■ 28.6532, 13.8824,
62.1430

■ 83.7967, 94.9400,
74.8823

■ 27.4240, 12.8261,
62.0039

■ 85.3277, 95.7292,
74.9540

Harmonies

Analogous

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



53.7560, 55.0366, 72.7436



55.7173, 55.0366, 68.6593



56.7767, 55.0366, 62.4064

Triad

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



55.7173, 55.0366, 68.6593



53.1699, 55.0366, 48.3241



48.2317, 55.0366, 64.1216

Complementary

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



55.7173, 55.0366, 68.6593



54.9583, 61.4584, 58.2591

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.



48.0852, 55.0366, 57.5113



55.7173, 55.0366, 68.6593



50.8914, 55.0366, 48.7092

Square

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



55.7173, 55.0366, 68.6593



55.2774, 55.0366, 50.8721



49.0457, 55.0366, 51.9657



49.4520, 55.0366, 69.9940

Rectangle

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



55.7173, 55.0366, 68.6593



56.8086, 55.0366, 57.9908



49.0457, 55.0366, 51.9657



48.0566, 55.0366, 61.9027

Sweetspot

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



55.7189, 55.0390, 68.6605



92.0678, 94.9116, 108.0750



52.6623, 54.8146, 68.7783



19.5394, 20.0310, 23.0865



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.



55.7189, 55.0390, 68.6605



84.6058, 82.2878, 106.0317



56.1841, 55.3550, 65.2401



12.0570, 11.8782, 14.9009



16.7473, 7.8138, 37.8180



0.9989, 0.4691, 2.1175

Inverse Universe

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



55.0614, 54.9059, 59.3283



83.3828, 82.0458, 88.4247



54.5419, 61.1740, 61.3890



11.9091, 11.8484, 12.7973



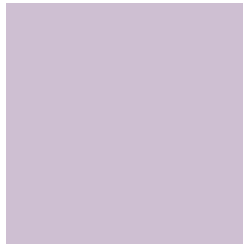
16.5223, 8.4818, 2.3906



0.9536, 0.4861, 0.2903

Previews

White Background



This preview shows how the XYZ color 55.7173, 55.0366, 68.6593 looks on a white background.

Color Contrast Check

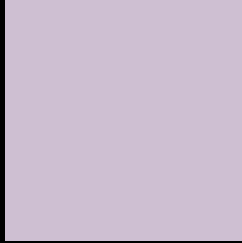
Large Text (above 18pt) WCAG AA × Fail

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 55.7173, 55.0366, 68.6593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

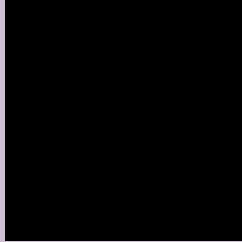
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7173, 55.0366, 68.6593

Background



This preview shows how black text looks on a background with the XYZ color 55.7173, 55.0366, 68.6593.



This preview shows how white text looks on a background with the XYZ color 55.7173, 55.0366,

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

55.7173, 55.0366, 68.6593

Protanopia

53.9044, 55.3858, 70.1368

Deuteranopia

56.0587, 54.8900, 68.6130



Tritanopia

55.2890, 55.1834, 66.7689

Trichromacy



Original Color

55.7173, 55.0366, 68.6593

Protanomaly

54.6028, 55.4288, 69.4490

Deuteranomaly

55.7784, 54.7455, 68.5999

Tritanomaly

55.4116, 55.2325, 67.4149

Monochromacy



Original Color

55.7173, 55.0366, 68.6593

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.2632, 55.7120, 63.7706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7173, 55.0366, 68.6593 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(206, 191, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 191, 210) }
```

Border

The CSS property to change the border of an element to XYZ 55.7173, 55.0366, 68.6593 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, 210) }
```


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

```
.border{ border-color:rgb(206, 191, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 191, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 191, 210);  
box-shadow:4px 4px 4px 4px rgb(206, 191,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7173, 55.0366, 68.6593 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, 210) }
```

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

```
.background{ background-color: rgb(206,  
191, 210) }
```

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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