

Converting Colors

XYZ(55.8564, 57.8502, 66.4380)

Have a look what the booklet for
XYZ(55.8564, 57.8502, 66.4380)
contains.

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Color

**XYZ(55.9211, 57.8596,
66.6132)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC7CE
RGB	202, 199, 206
RGB Percent	79%, 78%, 81%
CMY	0.2078, 0.2196, 0.1922
CMYK	0.02, 0.03, 0.00, 0.19
HSL	266°, 7%, 79%
HSV	266°, 3%, 81%
XYZ	55.9211, 57.8596, 66.6132
YIQ	200.6950, -0.4590, 2.8130

Conversions

Conversions Part 2

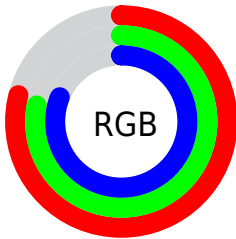
Format	Color
R _Y B	202, 199, 206
Decimal	13289422
CIE Lab	80.66, 2.33, -3.13
CIE LCh	81, 3.899, 306.670
Yxy	57.8596, 0.3100, 0.3207
Android (android.graphics.Color)	4291479502 (0xFFCAC7CE)
YUV	200.6950, 2.6154, 1.1445
Hunter-Lab	76.0655, -1.8867, 1.3235

Details

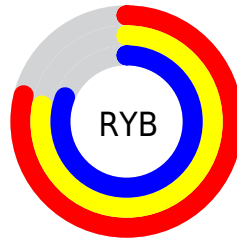
The XYZ color **55.9211, 57.8596, 66.6132** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0109, 60.9642, 62.7982**, and the grayscale version is **55.3145, 58.1951, 63.3745**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.0056, 28.8137, 33.7913** is the 20% darker color. If you saturate the color by 10%, you get **48.4330, 47.4344, 64.9965**, and if you desaturate by 10%, it is **64.2973, 69.6984, 68.4577**.

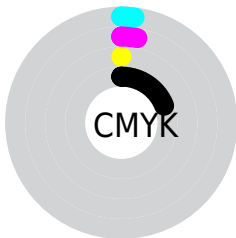
Distribution



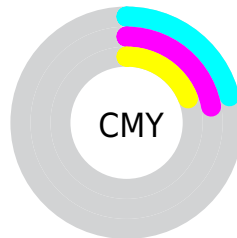
- Red (79%)
- Green (78%)
- Blue (81%)



- Red (79%)
- Yellow (78%)
- Blue (81%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (19%)



- Cyan (21%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9211, 57.8596, 66.6132 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 55.9211, 57.8596, 66.6132 by changing the saturation by 10% instead.

■ 55.9211, 57.8596,
66.6132

■ 55.9211, 57.8596,
66.6132

399.4739,
416.6626, 467.0307

■ 40.3764, 41.6958,
48.3107

98.0297, 101.7184,
116.0014

■ 28.0177, 28.8632,
33.7113

125.3243,
130.1821, 147.9242

■ 18.4795, 18.9773,
22.3963

157.2663,
163.5146, 185.2241

■ 11.3966, 11.6539,
13.9473

194.2210,
202.1003, 228.3198

■ 6.4035, 6.5085,
7.9457

236.5537,
246.3236, 277.6298

■ 3.1349, 3.1567,
3.9729

284.6299,

■ 1.2255, 1.2141,

296.5688, 333.5725

1.6105

338.8148,
353.2203, 396.5667

■ 0.1264, 0.0731,
0.2983

■ 0.0000, 0.0000,
0.0000

■ 55.9211, 57.8596,
66.6132

■ 55.9211, 57.8596,
66.6132

■ 48.4330, 47.4344,
64.9965

■ 64.2973, 69.6984,
68.4577

■ 41.7971, 38.3613,
63.5949

■ 73.5861, 82.9943,
70.5345

■ 35.9822, 30.5854,
62.4005

■ 81.9370, 94.0382,
72.2261

■ 30.9530, 24.0448,
61.4031

■ 86.0069, 96.1363,
72.4165

■ 26.6717, 18.6727,
60.5919

■ 88.1407, 97.2363,
72.5164

■ 23.0969, 14.3958,
59.9547

■ 20.1827, 11.1318,
59.4783

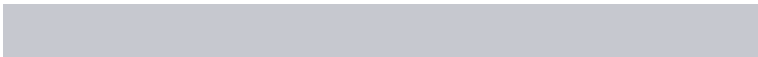
■ 17.8767, 8.7867,
59.1472

■ 16.1171, 7.2470,
58.9428

Harmonies

Analogous

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



55.1733, 57.8596, 67.4943



55.9211, 57.8596, 66.6132



56.4239, 57.8596, 64.7668

Triad

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



55.9211, 57.8596, 66.6132



55.6076, 57.8596, 59.0253



53.4744, 57.8596, 63.5143

Complementary

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



55.9211, 57.8596, 66.6132



57.0109, 60.9642, 62.7982

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.



53.5881, 57.8596, 61.2641



55.9211, 57.8596, 66.6132



54.8147, 57.8596, 58.7084

Square

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



55.9211, 57.8596, 66.6132



56.2416, 57.8596, 60.3951



54.0768, 57.8596, 59.5185



53.7646, 57.8596, 65.6772

Rectangle

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



55.9211, 57.8596, 66.6132



56.5497, 57.8596, 63.2565



54.0768, 57.8596, 59.5185



53.4667, 57.8596, 62.7427

Sweetspot

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



55.9228, 57.8621, 66.6145



93.7076, 98.1083, 108.6056



56.0715, 59.3516, 66.8941



20.0714, 21.0192, 23.2492



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.



55.9228, 57.8621, 66.6145



89.7690, 92.5746, 107.7451



56.8577, 58.3440, 66.6582



11.8185, 12.1476, 14.2922



9.4578, 4.0832, 36.2459



0.5742, 0.2551, 1.8739

Inverse Universe

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



56.6586, 58.2831, 64.7664



91.1864, 93.3857, 104.1816



56.0905, 60.4897, 62.7551



12.0363, 12.2722, 13.7443



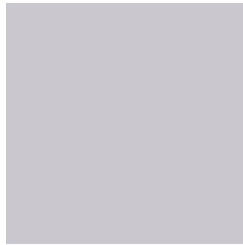
17.7282, 8.9019, 11.5531



0.9521, 0.4743, 0.7937

Previews

White Background



This preview shows how the XYZ color 55.9211, 57.8596, 66.6132 looks on a white background.

Color Contrast Check

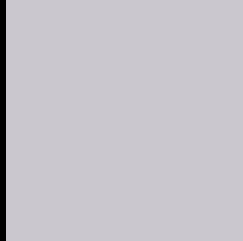
Large Text (above 18pt) WCAG AA × Fail

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 55.9211, 57.8596, 66.6132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

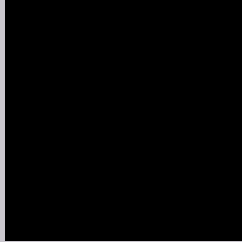
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

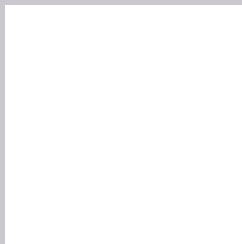
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9211, 57.8596, 66.6132

Background



This preview shows how black text looks on a background with the XYZ color 55.9211, 57.8596, 66.6132.

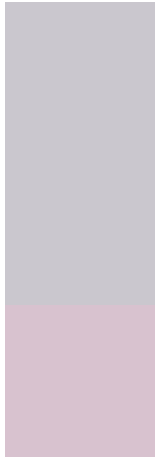


This preview shows how white text looks on a background with the XYZ color 55.9211, 57.8596,

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

55.9211, 57.8596, 66.6132

Protanopia

55.9211, 57.8596, 66.6132

Deuteranopia

58.8732, 57.6875, 67.0633



Tritanopia

56.8329, 57.8888, 71.1290

Trichromacy



Original Color

55.9211, 57.8596, 66.6132

Protanomaly

55.9211, 57.8596, 66.6132

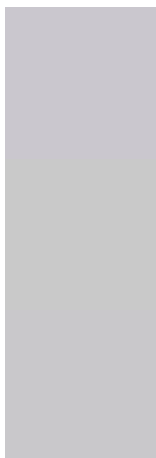
Deuteranomaly

57.8664, 57.8337, 67.1446

Tritanomaly

56.4555, 57.7378, 69.1418

Monochromacy



Original Color

55.9211, 57.8596, 66.6132

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.5212, 58.0379, 64.7761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9211, 57.8596, 66.6132 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(202, 199, 206)` looks like.

```
.text, #text, p{  
    color:rgb(202, 199, 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(202, 199, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 199, 206) }
```

Border

The CSS property to change the border of an element to XYZ 55.9211, 57.8596, 66.6132 is called "border". The border property can be set on classes, ids or directly on the HTML element.

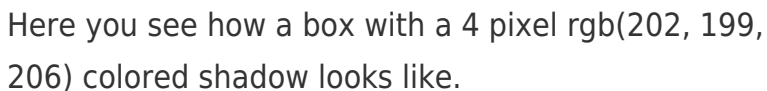
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 199, 206) }
```


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

```
.border{ border-color:rgb(202, 199, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(202, 199, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 199, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 199, 206); box-shadow:4px 4px 4px 4px rgb(202, 199, 206) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9211, 57.8596, 66.6132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 199, 206) }
```

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

```
.background{ background-color: rgb(202,  
199, 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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