

Converting Colors

XYZ(55.5826, 56.7370, 63.9391)

Have a look what the booklet for
XYZ(55.5826, 56.7370, 63.9391)
contains.

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Color

**XYZ(55.5774, 56.7233,
63.8966)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC4CA
RGB	205, 196, 202
RGB Percent	80%, 77%, 79%
CMY	0.1961, 0.2314, 0.2078
CMYK	0.00, 0.04, 0.01, 0.20
HSL	320°, 8%, 79%
HSV	320°, 4%, 80%
XYZ	55.5774, 56.7233, 63.8966
YIQ	199.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

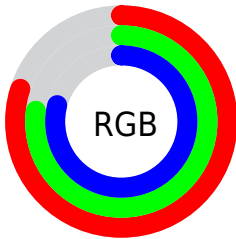
Format	Color
RYB	205, 196, 202
Decimal	13485258
CIELab	80.02, 4.21, -1.89
CIELCh	80, 4.617, 335.892
Yxy	56.7233, 0.3154, 0.3219
Android (android.graphics.Color)	4291675338 (0xFFCDC4CA)
YUV	199.3750, 1.2941, 4.9331
Hunter-Lab	75.3149, -0.0798, 2.4192

Details

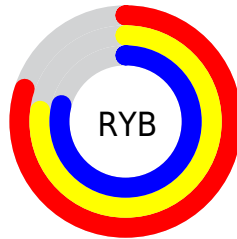
The XYZ color **55.5774, 56.7233, 63.8966** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9072, 59.5233, 62.6309**, and the grayscale version is **54.5080, 57.3466, 62.4505**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **27.7808, 28.0634, 31.9696** is the 20% darker color. If you saturate the color by 10%, you get **50.4747, 47.7838, 58.2911**, and if you desaturate by 10%, it is **61.3510, 66.9456, 69.9040**.

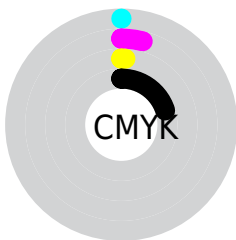
Distribution



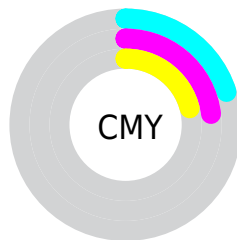
- Red (80%)
- Green (77%)
- Blue (79%)



- Red (80%)
- Yellow (77%)
- Blue (79%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (20%)



- Cyan (20%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5774, 56.7233, 63.8966 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 55.5774, 56.7233, 63.8966 by changing the saturation by 10% instead.

■ 55.5774, 56.7233,
63.8966

■ 55.5774, 56.7233,
63.8966

398.1978,
412.4117, 457.0134

■ 40.0999, 40.7831,
46.1213

97.5298, 100.0613,
112.0600

■ 27.8010, 28.1497,
31.9922

124.7354,
128.2280, 143.2853

■ 18.3154, 18.4385,
21.0908

156.5811,
161.2389, 179.8308

■ 11.2777, 11.2653,
12.9985

193.4322,
199.4785, 222.1153

■ 6.3226, 6.2456,
7.2968

235.6540,
243.3312, 270.5573

■ 3.0847, 2.9950,
3.5671

283.6120,

■ 1.1987, 1.1291,

293.1814, 325.5753

1.3910

337.6715,
349.4134, 387.5878

■ 0.1054, 0.0026,
0.1347

■ 0.0000, 0.0000,
0.0000

■ 55.5774, 56.7233,
63.8966

■ 55.5774, 56.7233,
63.8966

■ 50.4747, 47.7838,
58.2911

■ 61.3510, 66.9456,
69.9040

■ 46.0120, 40.0687,
53.0729

■ 67.8152, 78.4916,
76.3201

■ 42.1635, 33.5259,
48.2317

■ 74.1901, 89.8005,
82.8877

■ 38.8994, 28.0967,
43.7553

■ 75.1280, 90.1756,
87.8263

■ 36.1874, 23.7174,
39.6305

■ 76.1034, 90.5658,
92.9631

■ 33.9920, 20.3178,
35.8430

■ 77.1169, 90.9712,
98.3001

■ 32.2732, 17.8187,
32.3771

■ 78.1689, 91.3920,
103.8396

■ 30.9852, 16.1291,
29.2147

■ 78.9871, 91.7193,
108.1483

■ 30.0719, 15.1381,
26.3347

Harmonies

Analogous

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



54.9784, 56.7233, 66.0431



55.5774, 56.7233, 63.8966



55.7284, 56.7233, 61.2331

Triad

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



55.5774, 56.7233, 63.8966



53.7288, 56.7233, 56.7637



52.4654, 56.7233, 64.8410

Complementary

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



55.5774, 56.7233, 63.8966



54.9072, 59.5233, 62.6309

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.



52.1390, 56.7233, 62.2940



55.5774, 56.7233, 63.8966



52.8630, 56.7233, 57.6701

Square

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



55.5774, 56.7233, 63.8966



54.6541, 56.7233, 57.1648



52.2837, 56.7233, 59.6755



53.1802, 56.7233, 66.5994

Rectangle

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



55.5774, 56.7233, 63.8966



55.5532, 56.7233, 59.5331



52.2837, 56.7233, 59.6755



52.3070, 56.7233, 64.0459

Sweetspot

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



55.5790, 56.7258, 63.8978



94.1053, 98.3291, 107.9112



54.3148, 56.0326, 65.7109



20.1524, 21.0641, 23.1079



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.



55.5790, 56.7258, 63.8978



90.4396, 91.8624, 104.0237



55.0541, 56.5158, 61.1338



11.9497, 12.0880, 13.7497



18.5144, 9.2163, 15.6932



0.9894, 0.4892, 0.9903

Inverse Universe

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



55.5790, 56.7258, 63.8978



90.4396, 91.8624, 104.0237



55.4372, 59.7353, 65.4221



11.9497, 12.0880, 13.7497



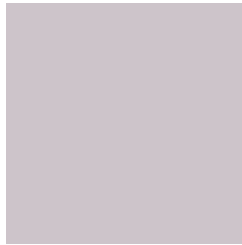
18.5144, 9.2163, 15.6932



0.9894, 0.4892, 0.9903

Previews

White Background



This preview shows how the XYZ color 55.5774, 56.7233, 63.8966 looks on a white background.

Color Contrast Check

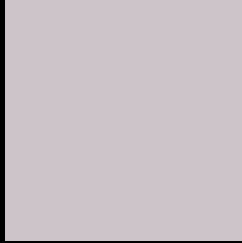
Large Text (above 18pt) WCAG AA × Fail

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 55.5774, 56.7233, 63.8966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

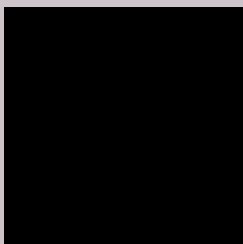
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

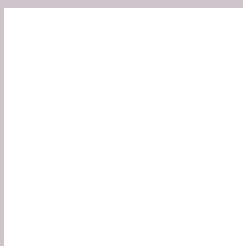
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5774, 56.7233, 63.8966

Background



This preview shows how black text looks on a background with the XYZ color 55.5774, 56.7233, 63.8966.

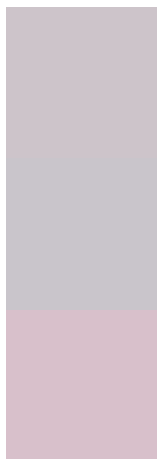


This preview shows how white text looks on a background with the XYZ color 55.5774, 56.7233,

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

55.5774, 56.7233, 63.8966

Protanopia

54.8331, 56.6618, 64.5467

Deuteranopia

57.9480, 56.6100, 64.3725



Tritanopia

56.6016, 56.8052, 68.9540

Trichromacy



Original Color

55.5774, 56.7233, 63.8966

Protanomaly

55.1029, 56.8009, 64.5593

Deuteranomaly

57.0008, 56.4488, 64.3913

Tritanomaly

56.2312, 56.6570, 67.0037

Monochromacy



Original Color

55.5774, 56.7233, 63.8966

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.7068, 56.9758, 62.7577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5774, 56.7233, 63.8966 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(205, 196, 202) looks like.

```
.text, #text, p{  
    color:rgb(205, 196, 202)  
}
```

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(205, 196, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 196, 202) }
```

Border

The CSS property to change the border of an element to XYZ 55.5774, 56.7233, 63.8966 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(205, 196, 202) }
```


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

```
.border{ border-color:rgb(205, 196, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 196, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 196, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 196, 202);  
box-shadow:4px 4px 4px 4px rgb(205, 196,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5774, 56.7233, 63.8966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 196, 202) }
```

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

```
.background{ background-color: rgb(205,  
196, 202) }
```

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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