

Converting Colors

XYZ(55.7333, 56.6813, 66.4079)

Have a look what the booklet for
XYZ(55.7333, 56.6813, 66.4079)
contains.

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Color

**XYZ(55.7823, 56.7735,
66.4108)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC4CE
RGB	204, 196, 206
RGB Percent	80%, 77%, 81%
CMY	0.2000, 0.2314, 0.1922
CMYK	0.01, 0.05, 0.00, 0.19
HSL	288°, 9%, 79%
HSV	288°, 5%, 81%
XYZ	55.7823, 56.7735, 66.4108
YIQ	199.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

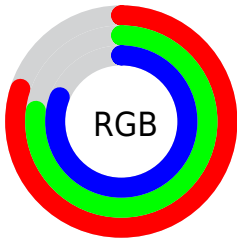
Format	Color
RYB	204, 196, 206
Decimal	13419726
CIELab	80.05, 4.61, -4.00
CIElCh	80, 6.103, 318.988
Yxy	56.7735, 0.3117, 0.3172
Android (android.graphics.Color)	4291609806 (0xFFCCC4CE)
YUV	199.5320, 3.1887, 3.9184
Hunter-Lab	75.3482, 0.2890, 0.4864

Details

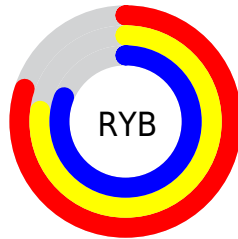
The XYZ color **55.7823, 56.7735, 66.4108** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3260, 60.1354, 60.9189**, and the grayscale version is **54.5938, 57.4370, 62.5488**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **27.9182, 28.0970, 33.6576** is the 20% darker color. If you saturate the color by 10%, you get **50.3368, 47.5368, 64.9158**, and if you desaturate by 10%, it is **61.8989, 67.3064, 68.1223**.

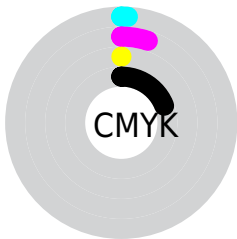
Distribution



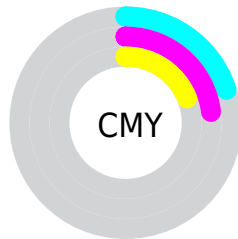
- Red (80%)
- Green (77%)
- Blue (81%)



- Red (80%)
- Yellow (77%)
- Blue (81%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (20%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7823, 56.7735, 66.4108 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 55.7823, 56.7735, 66.4108 by changing the saturation by 10% instead.

■ 55.7823, 56.7735,
66.4108

■ 55.7823, 56.7735,
66.4108

398.9589,
412.6000, 466.2889

■ 40.2647, 40.8234,
48.1474

97.8279, 100.1346,
115.7084

■ 27.9301, 28.1811,
33.5828

125.0866,
128.3144, 147.5796

■ 18.4132, 18.4622,
22.2985

156.9897,
161.3396, 184.8238

■ 11.3485, 11.2824,
13.8760

193.9026,
199.5946, 227.8595

■ 6.3708, 6.2571,
7.8967

236.1906,
243.4637, 277.1054

■ 3.1146, 3.0020,
3.9421

284.2191,

■ 1.2147, 1.1328,

293.3314, 332.9799

1.5936

338.3534,
349.5821, 395.9015

■ 0.1179, 0.0058,
0.2863

■ 0.0000, 0.0000,
0.0000

■ 55.7823, 56.7735,
66.4108

■ 55.7823, 56.7735,
66.4108

■ 50.3368, 47.5368,
64.9158

■ 61.8989, 67.3064,
68.1223

■ 45.5315, 39.5373,
63.6250

■ 68.7064, 79.1771,
70.0548

■ 41.3402, 32.7221,
62.5304

■ 75.3281, 90.6311,
71.9167

■ 37.7329, 27.0316,
61.6222

■ 76.5640, 91.2683,
71.9745

■ 34.6772, 22.4012,
60.8895

■ 77.8307, 91.9213,
72.0338

■ 32.1372, 18.7594,
60.3204

■ 79.1285, 92.5903,
72.0945

■ 30.0725, 16.0259,
59.9016

■ 80.4574, 93.2754,
72.1567

■ 28.4364, 14.1078,
59.6176

■ 81.8178, 93.9767,
72.2204

■ 27.1721, 12.8917,
59.4495

■ 83.2098, 94.6943,
72.2855

Harmonies

Analogous

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



54.7417, 56.7735, 68.5070



55.7823, 56.7735, 66.4108



56.3380, 56.7735, 63.1313

Triad

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



55.7823, 56.7735, 66.4108



54.4186, 56.7735, 55.3479



51.7363, 56.7735, 64.0672

Complementary

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



55.7823, 56.7735, 66.4108



55.3260, 60.1354, 60.9189

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.



51.6528, 56.7735, 60.5204



55.7823, 56.7735, 66.4108



53.1888, 56.7735, 55.5768

Square

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



55.7823, 56.7735, 66.4108



55.5427, 56.7735, 56.8017



52.1808, 56.7735, 57.4395



52.4107, 56.7735, 67.1185

Rectangle

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



55.7823, 56.7735, 66.4108



56.3530, 56.7735, 60.7551



52.1808, 56.7735, 57.4395



51.6386, 56.7735, 62.8906

Sweetspot

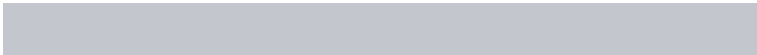
The Sweet Spot groups the original color and five complimentary colors.



55.7839, 56.7759, 66.4120



94.0544, 98.2871, 108.6219



54.1402, 56.6591, 66.4761



20.1420, 21.0555, 23.2525



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.



55.7839, 56.7759, 66.4120



89.2445, 90.0477, 107.2850



55.9947, 56.9240, 64.6417



11.7968, 11.8605, 14.2379



16.4675, 7.6969, 36.5740



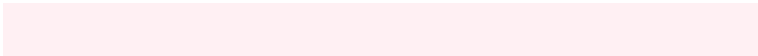
0.9069, 0.4266, 1.8895

Inverse Universe

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



55.3886, 56.6816, 61.4505



88.4535, 89.8603, 97.2880



55.1278, 59.9956, 62.6086



11.6837, 11.8339, 12.8045



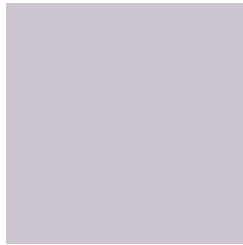
15.9504, 8.1907, 2.1913



0.8505, 0.4336, 0.2586

Previews

White Background



This preview shows how the XYZ color 55.7823, 56.7735, 66.4108 looks on a white background.

Color Contrast Check

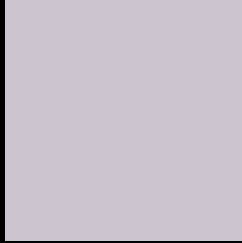
Large Text (above 18pt) WCAG AA × Fail

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 55.7823, 56.7735, 66.4108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

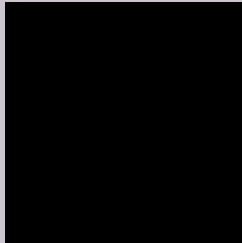
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7823, 56.7735, 66.4108

Background



This preview shows how black text looks on a background with the XYZ color 55.7823, 56.7735, 66.4108.



This preview shows how white text looks on a background with the XYZ color 55.7823, 56.7735,

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

55.7823, 56.7735, 66.4108

Protanopia

55.0482, 56.7169, 67.0776

Deuteranopia

58.0640, 56.9411, 66.9619



Tritanopia

56.4498, 56.7125, 69.5994

Trichromacy



Original Color

55.7823, 56.7735, 66.4108

Protanomaly

55.3161, 56.8550, 67.0901

Deuteranomaly

57.1326, 56.7902, 66.9819

Tritanomaly

56.2006, 56.6128, 68.2869

Monochromacy



Original Color

55.7823, 56.7735, 66.4108

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.1715, 57.5286, 64.0734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7823, 56.7735, 66.4108 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(204, 196, 206) looks like.

```
.text, #text, p{  
    color:rgb(204, 196, 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(204, 196, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 196, 206) }
```

Border

The CSS property to change the border of an element to XYZ 55.7823, 56.7735, 66.4108 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(204, 196, 206) }
```


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

```
.border{ border-color:rgb(204, 196, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 196, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 196, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 196, 206);  
box-shadow:4px 4px 4px 4px rgb(204, 196,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7823, 56.7735, 66.4108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 196, 206) }
```

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

```
.background{ background-color: rgb(204,  
196, 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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