

Converting Colors

XYZ(55.5497, 57.3545, 61.2250)

Have a look what the booklet for
XYZ(55.5497, 57.3545, 61.2250)
contains.

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Color

**XYZ(55.4490, 57.3985,
60.9799)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC6C5
RGB	205, 198, 197
RGB Percent	80%, 78%, 77%
CMY	0.1961, 0.2235, 0.2274
CMYK	0.00, 0.03, 0.04, 0.20
HSL	8°, 7%, 79%
HSV	8°, 4%, 80%
XYZ	55.4490, 57.3985, 60.9799
YIQ	199.9790, 4.4930, 1.1730

Conversions

Conversions Part 2

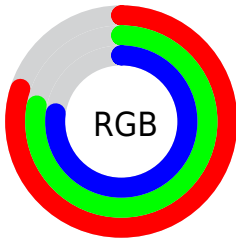
Format	Color
R _Y B	205, 198, 197
Decimal	13485765
CIE Lab	80.40, 2.26, 1.36
CIE LCh	80, 2.632, 31.010
Yxy	57.3985, 0.3190, 0.3302
Android (android.graphics.Color)	4291675845 (0xFFCDC6C5)
YUV	199.9790, -1.4686, 4.4034
Hunter-Lab	75.7618, -1.9415, 5.3113

Details

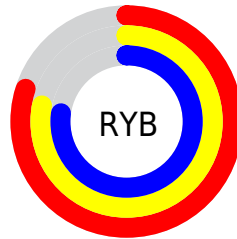
The XYZ color **55.4490, 57.3985, 60.9799** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6383, 59.4631, 66.3036**, and the grayscale version is **54.8950, 57.7538, 62.8939**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **27.6937, 28.5090, 30.0298** is the 20% darker color. If you saturate the color by 10%, you get **49.4000, 48.8070, 48.1519**, and if you desaturate by 10%, it is **62.3059, 67.0931, 75.6546**.

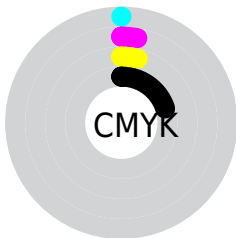
Distribution



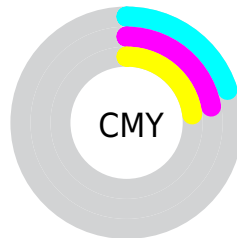
- Red (80%)
- Green (78%)
- Blue (77%)



- Red (80%)
- Yellow (78%)
- Blue (77%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (20%)



- Cyan (20%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4490, 57.3985, 60.9799 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 55.4490, 57.3985, 60.9799 by changing the saturation by 10% instead.

■ 55.4490, 57.3985,
60.9799

■ 55.4490, 57.3985,
60.9799

397.7205,
414.9409, 446.1048

■ 39.9966, 41.3253,
43.7785

97.3430, 101.0464,
107.8071

■ 27.7201, 28.5733,
30.1605

124.5153,
129.3899, 138.2699

■ 18.2541, 18.7583,
19.7074

156.3249,
162.5922, 173.9904

■ 11.2334, 11.4958,
12.0005

193.1372,
201.0379, 215.3869

■ 6.2925, 6.4013,
6.6215

235.3176,
245.1111, 262.8780

■ 3.0661, 3.0906,
3.1517

283.2313,

■ 1.1888, 1.1792,

295.1965, 316.8824

1.1726

337.2438,
351.6782, 377.8185

■ 0.0975, 0.0446,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4490, 57.3985,
60.9799

■ 55.4490, 57.3985,
60.9799

■ 49.4000, 48.8070,
48.1519

■ 62.3059, 67.0931,
75.6546

■ 44.1243, 41.2721,
37.0937

■ 69.9939, 77.9200,
92.2413

■ 39.5921, 34.7553,
27.7288

■ 77.9723, 89.6894,
107.8100

■ 35.7696, 29.2129,
19.9733

■ 78.9872, 91.7193,
108.1483

■ 32.6208, 24.5977,
13.7364

■ 30.1059, 20.8590,
8.9181

■ 28.1813, 17.9409,
5.4065

■ 26.7977, 15.7811,
3.0725

■ 25.8972, 14.3082,
1.7609

Harmonies

Analogous

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



55.5988, 57.3985, 62.4449



55.4490, 57.3985, 60.9799



55.0596, 57.3985, 59.9358

Triad

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



55.4490, 57.3985, 60.9799



53.6537, 57.3985, 61.0691



54.5738, 57.3985, 65.5133

Complementary

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



55.4490, 57.3985, 60.9799



55.6383, 59.4631, 66.3036

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.



54.0546, 57.3985, 65.1306



55.4490, 57.3985, 60.9799



53.5255, 57.3985, 62.5496

Square

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



55.4490, 57.3985, 60.9799



54.0231, 57.3985, 59.9867



53.6718, 57.3985, 64.0395



55.0914, 57.3985, 65.0768

Rectangle

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



55.4490, 57.3985, 60.9799



54.7177, 57.3985, 59.6100



53.6718, 57.3985, 64.0395



54.3937, 57.3985, 65.4762

Sweetspot

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



55.4506, 57.4010, 60.9811



93.9348, 98.4222, 106.5163



56.0511, 57.2754, 65.2706



20.1177, 21.0830, 22.8240



0.0000, 0.0000, 0.0000



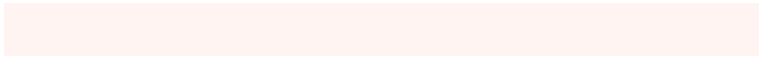
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.4506, 57.4010, 60.9811



89.6099, 92.2964, 97.2934



56.3606, 59.2211, 61.2845



11.8275, 12.1515, 12.7595



15.9378, 8.6086, 0.8216



0.8606, 0.5210, 0.0552

Inverse Universe

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



55.6383, 59.4631, 66.3036



90.0058, 96.6455, 108.5184



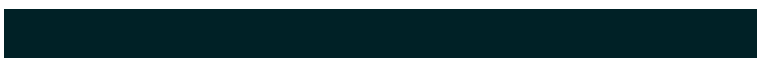
54.7160, 57.6185, 65.9961



11.8858, 12.7922, 14.4131



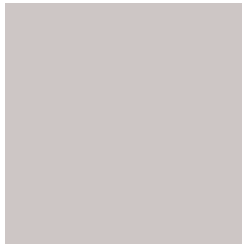
16.9795, 22.9830, 39.4975



0.9104, 1.2546, 2.0491

Previews

White Background



This preview shows how the XYZ color 55.4490, 57.3985, 60.9799 looks on a white background.

Color Contrast Check

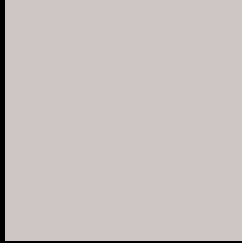
Large Text (above 18pt) WCAG AA × Fail

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 55.4490, 57.3985, 60.9799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

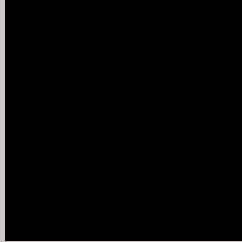
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

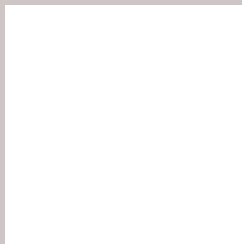
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4490, 57.3985, 60.9799

Background



This preview shows how black text looks on a background with the XYZ color 55.4490, 57.3985, 60.9799.

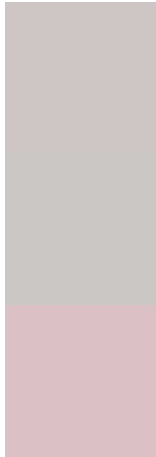


This preview shows how white text looks on a background with the XYZ color 55.4490, 57.3985,

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

55.4490, 57.3985, 60.9799

Protanopia

55.1301, 57.5746, 61.0307

Deuteranopia

58.4764, 57.2772, 61.3996



Tritanopia

57.2299, 57.4484, 69.7003

Trichromacy



Original Color

55.4490, 57.3985, 60.9799

Protanomaly

55.4033, 57.7154, 61.0434

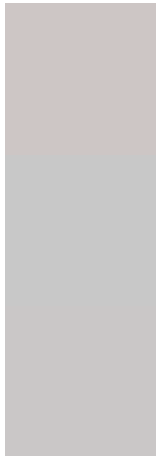
Deuteranomaly

57.4397, 57.4036, 61.4787

Tritanomaly

56.5604, 57.5105, 66.5121

Monochromacy



Original Color

55.4490, 57.3985, 60.9799

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.0893, 57.5269, 62.2331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4490, 57.3985, 60.9799 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, 198, 197) looks like.

```
.text, #text, p{  
    color:rgb(205, 198, 197)  
}
```

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, 198, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 198, 197) }
```

Border

The CSS property to change the border of an element to XYZ 55.4490, 57.3985, 60.9799 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, 198, 197) }
```


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

```
.border{ border-color:rgb(205, 198, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 198, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 198, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 198, 197);  
box-shadow:4px 4px 4px 4px rgb(205, 198,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4490, 57.3985, 60.9799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 198, 197) }
```

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

```
.background{ background-color: rgb(205,  
198, 197) }
```

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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