

Converting Colors

XYZ(55.4571, 57.2215, 61.5789)

Have a look what the booklet for
XYZ(55.4571, 57.2215, 61.5789)
contains.

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Color

**XYZ(55.5640, 57.4445,
61.5854)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC6C6
RGB	205, 198, 198
RGB Percent	80%, 78%, 78%
CMY	0.1961, 0.2235, 0.2235
CMYK	0.00, 0.03, 0.03, 0.20
HSL	0°, 7%, 79%
HSV	0°, 3%, 80%
XYZ	55.5640, 57.4445, 61.5854
YIQ	200.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

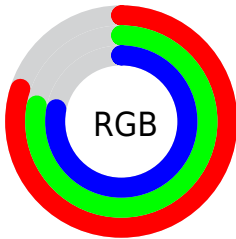
Format	Color
RYB	205, 198, 198
Decimal	13485766
CIELab	80.43, 2.43, 0.86
CIELCh	80, 2.580, 19.392
Yxy	57.4445, 0.3182, 0.3290
Android (android.graphics.Color)	4291675846 (0xFFCDC6C6)
YUV	200.0930, -1.0318, 4.3034
Hunter-Lab	75.7921, -1.7761, 4.8780

Details

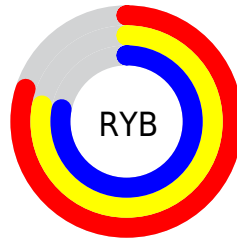
The XYZ color **55.5640, 57.4445, 61.5854** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1395, 60.0755, 66.3954**, and the grayscale version is **54.9627, 57.8251, 62.9715**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.7698, 28.5394, 30.4306** is the 20% darker color. If you saturate the color by 10%, you get **48.9871, 47.8218, 48.5060**, and if you desaturate by 10%, it is **63.0978, 68.4674, 76.5642**.

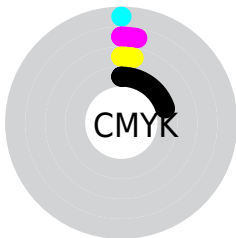
Distribution



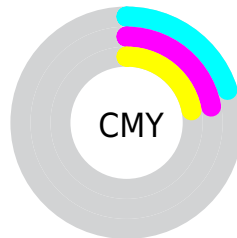
- Red (80%)
- Green (78%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5640, 57.4445, 61.5854 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 55.5640, 57.4445, 61.5854 by changing the saturation by 10% instead.

■ 55.5640, 57.4445,
61.5854

■ 55.5640, 57.4445,
61.5854

398.1480,
415.1128, 448.3830

■ 40.0891, 41.3622,
44.2642

97.5103, 101.1135,
108.6919

■ 27.7925, 28.6022,
30.5395

124.7125,
129.4690, 139.3142

■ 18.3090, 18.7801,
19.9929

156.5544,
162.6843, 175.2072

■ 11.2731, 11.5115,
12.2059

193.4014,
201.1439, 216.7896

■ 6.3195, 6.4120,
6.7598

235.6189,
245.2322, 264.4798

■ 3.0828, 3.0972,
3.2362

283.5723,

■ 1.1977, 1.1827,

295.3335, 318.6964

1.2165

337.6269,
351.8322, 379.8580

■ 0.1045, 0.0475,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5640, 57.4445,
61.5854

■ 55.5640, 57.4445,
61.5854

■ 48.9871, 47.8218,
48.5060

■ 63.0978, 68.4674,
76.5642

■ 43.3243, 39.5361,
37.2465

■ 71.6195, 80.9355,
93.5100

■ 38.5366, 32.5306,
27.7276

■ 78.9872, 91.7193,
108.1483

■ 34.5802, 26.7415,
19.8623

■ 31.4080, 22.0995,
13.5564

■ 28.9677, 18.5283,
8.7062

■ 27.2010, 15.9426,
5.1955

■ 26.0404, 14.2438,
2.8902

■ 25.4048, 13.3130,
1.6286

Harmonies

Analogous

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



55.6048, 57.4445, 63.0849



55.5640, 57.4445, 61.5854



55.2638, 57.4445, 60.3625

Triad

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



55.5640, 57.4445, 61.5854



53.8310, 57.4445, 60.6710



54.4123, 57.4445, 65.4534

Complementary

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



55.5640, 57.4445, 61.5854



56.1395, 60.0755, 66.3954

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.



53.9401, 57.4445, 64.7842



55.5640, 57.4445, 61.5854



53.6060, 57.4445, 62.0128

Square

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



55.5640, 57.4445, 61.5854



54.2624, 57.4445, 59.8405



53.6458, 57.4445, 63.5192



54.9376, 57.4445, 65.3345

Rectangle

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



55.5640, 57.4445, 61.5854



54.9579, 57.4445, 59.8610



53.6458, 57.4445, 63.5192



54.2422, 57.4445, 65.3127

Sweetspot

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



55.5656, 57.4470, 61.5866



93.8344, 98.2214, 106.4828



56.3912, 57.7760, 65.9383



20.0972, 21.0422, 22.8172



0.0000, 0.0000, 0.0000



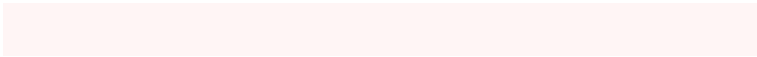
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5656, 57.4470, 61.5866



90.2844, 93.0273, 99.4238



56.3742, 59.0641, 61.8562



11.8982, 12.2174, 13.0159



15.6744, 8.0818, 0.7338



0.8088, 0.4172, 0.0379

Inverse Universe

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



56.1395, 60.0755, 66.3954



91.3948, 98.1133, 108.7285



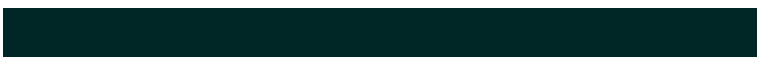
55.3124, 58.4212, 66.1197



12.0685, 12.9975, 14.4431



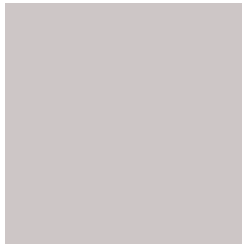
20.4359, 29.8958, 40.6496



1.0544, 1.5426, 2.0971

Previews

White Background



This preview shows how the XYZ color 55.5640, 57.4445, 61.5854 looks on a white background.

Color Contrast Check

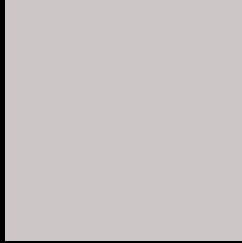
Large Text (above 18pt) WCAG AA × Fail

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 55.5640, 57.4445, 61.5854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

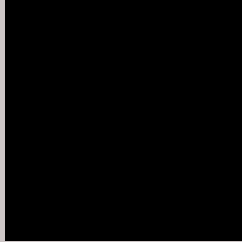
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

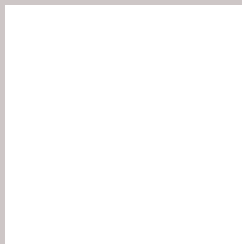
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5640, 57.4445, 61.5854

Background



This preview shows how black text looks on a background with the XYZ color 55.5640, 57.4445, 61.5854.



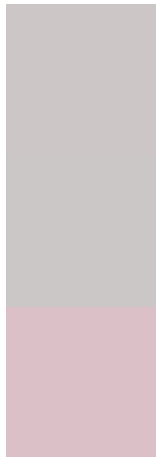
This preview shows how white text looks on a background with the XYZ color 55.5640, 57.4445,

61.5854.

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

55.5640, 57.4445, 61.5854

Protanopia

55.2451, 57.6206, 61.6362

Deuteranopia

58.5922, 57.3235, 62.0092



Tritanopia

57.2299, 57.4484, 69.7003

Trichromacy



Original Color

55.5640, 57.4445, 61.5854

Protanomaly

55.5183, 57.7614, 61.6490

Deuteranomaly

57.5555, 57.4499, 62.0883

Tritanomaly

56.5604, 57.5105, 66.5121

Monochromacy



Original Color

55.5640, 57.4445, 61.5854

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 55.5640, 57.4445, 61.5854 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, 198) looks like.

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

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, 198) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 55.5640, 57.4445, 61.5854 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, 198) }
```


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

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

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, 198) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 55.5640, 57.4445, 61.5854 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, 198) }
```

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

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

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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