

Converting Colors

XYZ(55.3935, 57.5563, 69.0048)

Have a look what the booklet for
XYZ(55.3935, 57.5563, 69.0048)
contains.

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Color

**XYZ(55.3450, 57.5058,
69.1555)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C7D2
RGB	198, 199, 210
RGB Percent	78%, 78%, 82%
CMY	0.2235, 0.2196, 0.1765
CMYK	0.06, 0.05, 0.00, 0.18
HSL	235°, 12%, 80%
HSV	235°, 6%, 82%
XYZ	55.3450, 57.5058, 69.1555
YIQ	199.9550, -4.1270, 3.2090

Conversions

Conversions Part 2

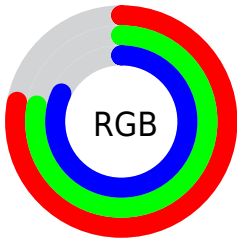
Format	Color
R _Y B	198, 199, 210
Decimal	13027282
CIE Lab	80.46, 1.74, -5.60
CIE LCh	80, 5.864, 287.220
Yxy	57.5058, 0.3041, 0.3160
Android (android.graphics.Color)	4291217362 (0xFFC6C7D2)
YUV	199.9550, 4.9522, -1.7145
Hunter-Lab	75.8326, -2.4321, -0.9867

Details

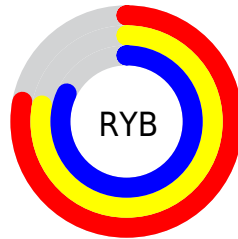
The XYZ color **55.3450, 57.5058, 69.1555** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5720, 63.3791, 62.5207**, and the grayscale version is **54.8458, 57.7020, 62.8375**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.6277, 28.5804, 35.5129** is the 20% darker color. If you saturate the color by 10%, you get **46.0377, 46.5463, 67.5315**, and if you desaturate by 10%, it is **65.9831, 69.9857, 71.0046**.

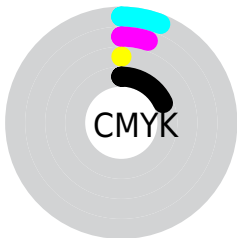
Distribution



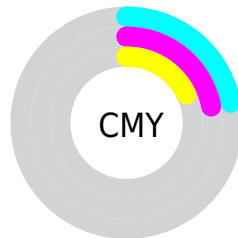
- Red (78%)
- Green (78%)
- Blue (82%)



- Red (78%)
- Yellow (78%)
- Blue (82%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (22%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3450, 57.5058, 69.1555 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 55.3450, 57.5058, 69.1555 by changing the saturation by 10% instead.

■ 55.3450, 57.5058,
69.1555

■ 55.3450, 57.5058,
69.1555

397.3335,
415.3419, 476.2880

■ 39.9129, 41.4115,
50.3658

97.1916, 101.2028,
119.6734

■ 27.6546, 28.6407,
35.3309

124.3369,
129.5743, 152.2388

■ 18.2046, 18.8092,
23.6323

156.1173,
162.8070, 190.2331

■ 11.1975, 11.5325,
14.8514

192.8982,
201.2853, 234.0749

■ 6.2681, 6.4262,
8.5697

235.0449,
245.3935, 284.1828

■ 3.0510, 3.1059,
4.3686

282.9228,

■ 1.1808, 1.1873,

295.5161, 340.9752

1.8297

336.8972,
352.0374, 404.8708

■ 0.0911, 0.0513,
0.4474

■ 0.0000, 0.0000,
0.0000

■ 55.3450, 57.5058,
69.1555

■ 55.3450, 57.5058,
69.1555

■ 46.0377, 46.5463,
67.5315

■ 65.9831, 69.9857,
71.0046

■ 38.0040, 37.0421,
66.1205

■ 77.9962, 84.0335,
73.0829

■ 31.1898, 28.9341,
64.9146

■ 88.6330, 97.4332,
75.1087

■ 25.5354, 22.1564,
63.9044

■ 20.9760, 16.6377,
63.0795

■ 17.4401, 12.3001,
62.4286

■ 14.8483, 9.0570,
61.9392

■ 13.1087, 6.8097,
61.5972

■ 12.1108, 5.4414,
61.3856

Harmonies

Analogous

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



54.1476, 57.5058, 69.2975



55.3450, 57.5058, 69.1555



56.3725, 57.5058, 67.2208

Triad

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



55.3450, 57.5058, 69.1555



56.2433, 57.5058, 57.8778



52.4332, 57.5058, 61.1604

Complementary

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



55.3450, 57.5058, 69.1555



59.5720, 63.3791, 62.5207

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.



52.9777, 57.5058, 58.2227



55.3450, 57.5058, 69.1555



55.1707, 57.5058, 56.3748

Square

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



55.3450, 57.5058, 69.1555



56.8963, 57.5058, 60.6738



53.9758, 57.5058, 56.4987



52.4783, 57.5058, 64.5952

Rectangle

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



55.3450, 57.5058, 69.1555



56.8175, 57.5058, 65.2136



53.9758, 57.5058, 56.4987



52.5530, 57.5058, 60.0845

Sweetspot

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



55.3467, 57.5082, 69.1568



91.7256, 96.0998, 108.3224



57.8201, 62.6934, 69.2463



19.6679, 20.6102, 23.1915



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.



55.3467, 57.5082, 69.1568



83.7870, 86.7741, 106.9408



56.4020, 57.7108, 69.1402



11.6343, 12.0358, 14.9536



7.2539, 3.1543, 37.4190



0.4338, 0.2327, 2.1016

Inverse Universe

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



57.0825, 58.2145, 62.2637



87.0948, 88.1261, 93.8042



58.4726, 63.1789, 62.5400



12.1252, 12.2367, 13.0041



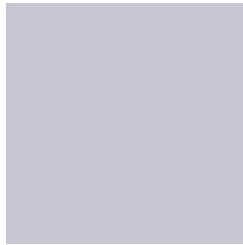
16.2921, 8.3897, 1.1787



0.9252, 0.4748, 0.1408

Previews

White Background



This preview shows how the XYZ color 55.3450, 57.5058, 69.1555 looks on a white background.

Color Contrast Check

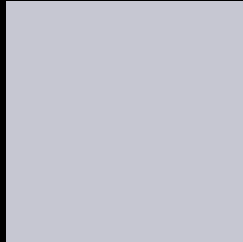
Large Text (above 18pt) WCAG AA × Fail

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 55.3450, 57.5058, 69.1555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

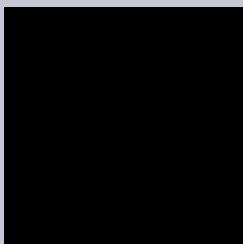
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

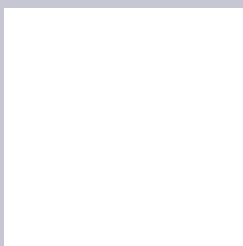
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.3450, 57.5058, 69.1555

Background



This preview shows how black text looks on a background with the XYZ color 55.3450, 57.5058, 69.1555.

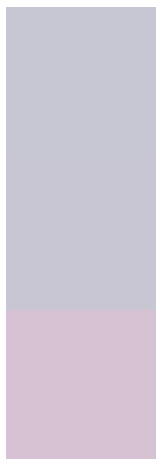


This preview shows how white text looks on a background with the XYZ color 55.3450, 57.5058,

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

55.3450, 57.5058, 69.1555

Protanopia

55.6464, 57.3207, 69.1039

Deuteranopia

58.7812, 57.5829, 69.6445



Tritanopia

55.8849, 57.3853, 71.7494

Trichromacy



Original Color

55.3450, 57.5058, 69.1555

Protanomaly

55.3801, 57.1834, 69.0914

Deuteranomaly

57.5102, 57.5929, 69.7134

Tritanomaly

55.7575, 57.3344, 71.0787

Monochromacy



Original Color

55.3450, 57.5058, 69.1555

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.1065, 57.8103, 65.3808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3450, 57.5058, 69.1555 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(198, 199, 210)` looks like.

```
.text, #text, p{  
    color:rgb(198, 199, 210)  
}
```

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(198, 199, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 199, 210) }
```

Border

The CSS property to change the border of an element to XYZ 55.3450, 57.5058, 69.1555 is called "border". The border property can be set on classes, ids or directly on the HTML element.

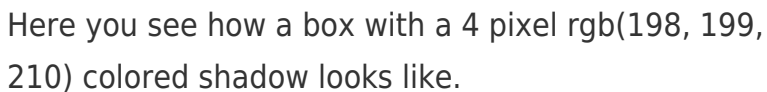
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 199, 210) }
```


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

```
.border{ border-color:rgb(198, 199, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 199, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 199, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 199, 210); box-shadow:4px 4px 4px 4px rgb(198, 199, 210) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3450, 57.5058, 69.1555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 199, 210) }
```

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

```
.background{ background-color: rgb(198,  
199, 210) }
```

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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