

Converting Colors

XYZ(55.2567, 57.7990, 65.6915)

Have a look what the booklet for
XYZ(55.2567, 57.7990, 65.6915)
contains.

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Color

**XYZ(55.4931, 57.9957,
66.0271)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C8CD
RGB	200, 200, 205
RGB Percent	78%, 78%, 80%
CMY	0.2157, 0.2157, 0.1961
CMYK	0.02, 0.02, 0.00, 0.20
HSL	240°, 5%, 79%
HSV	240°, 2%, 80%
XYZ	55.4931, 57.9957, 66.0271
YIQ	200.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

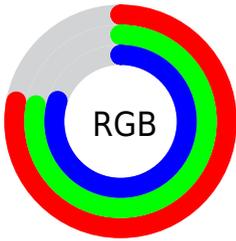
Format	Color
RYP	200, 200, 205
Decimal	13158605
CIE Lab	80.74, 0.93, -2.50
CIE LCh	81, 2.665, 290.436
Yxy	57.9957, 0.3091, 0.3231
Android (android.graphics.Color)	4291348685 (0xFFC8C8CD)
YUV	200.5700, 2.1840, -0.4999
Hunter-Lab	76.1549, -3.2004, 1.9034

Details

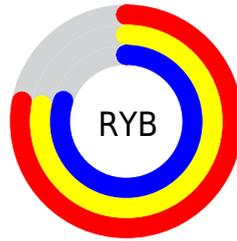
The XYZ color **55.4931, 57.9957, 66.0271** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4335, 60.8111, 63.3550**, and the grayscale version is **55.2403, 58.1171, 63.2895**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.7189, 28.9031, 33.3961** is the 20% darker color. If you saturate the color by 10%, you get **45.9505, 46.5003, 64.3121**, and if you desaturate by 10%, it is **66.4088, 71.1459, 67.9909**.

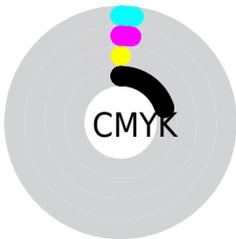
Distribution



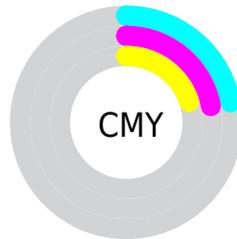
- Red (78%)
- Green (78%)
- Blue (80%)



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



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4931, 57.9957, 66.0271 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 55.4931, 57.9957, 66.0271 by changing the saturation by 10% instead.

■ 55.4931, 57.9957,
66.0271

■ 55.4931, 57.9957,
66.0271

397.8845,
417.1699, 464.8807

■ 40.0321, 41.8052,
47.8378

97.4072, 101.9166,
115.1526

■ 27.7479, 28.9488,
33.3394

124.5909,
130.4158, 146.9259

■ 18.2752, 19.0421,
22.1133

156.4129,
163.7866, 184.0642

■ 11.2486, 11.7007,
13.7411

193.2385,
202.4136, 226.9861

■ 6.3028, 6.5402,
7.8041

235.4332,
246.6810, 276.1102

■ 3.0725, 3.1763,
3.8839

283.3621,

■ 1.1922, 1.2244,

296.9732, 331.8549

1.5619

337.3908,
353.6747, 394.6389

■ 0.1002, 0.0815,
0.2634

■ 0.0000, 0.0000,
0.0000

■ 55.4931, 57.9957,
66.0271

■ 55.4931, 57.9957,
66.0271

■ 45.9505, 46.5003,
64.3121

■ 66.4088, 71.1459,
67.9909

■ 37.7219, 36.5870,
62.8323

■ 78.7437, 86.0049,
70.2088

■ 30.7514, 28.1889,
61.5787

■ 88.0196, 97.1878,
71.8785

■ 24.9769, 21.2314,
60.5401

■ 20.3313, 15.6336,
59.7045

■ 16.7406, 11.3065,
59.0585

■ 14.1224, 8.1508,
58.5874

■ 12.3818, 6.0521,
58.2741

■ 11.4048, 4.8736,
58.0981

Harmonies

Analogous

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



54.9477, 57.9957, 66.1802



55.4931, 57.9957, 66.0271



55.9421, 57.9957, 65.0955

Triad

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



55.4931, 57.9957, 66.0271



55.7992, 57.9957, 60.8422



54.0873, 57.9957, 62.6458

Complementary

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



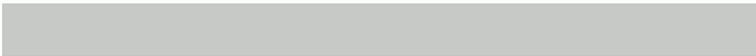
55.4931, 57.9957, 66.0271



57.4335, 60.8111, 63.3550

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.



54.3122, 57.9957, 61.2387



55.4931, 57.9957, 66.0271



55.2990, 57.9957, 60.2088

Square

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



55.4931, 57.9957, 66.0271



56.1197, 57.9957, 62.0963



54.7549, 57.9957, 60.3528



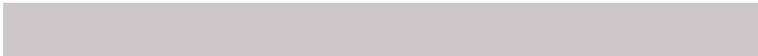
54.1385, 57.9957, 64.2104

Rectangle

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



55.4931, 57.9957, 66.0271



56.1253, 57.9957, 64.1667



54.7549, 57.9957, 60.3528



54.1331, 57.9957, 62.1391

Sweetspot

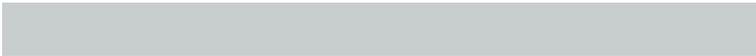
The Sweet Spot groups the original color and five complimentary colors.



55.4948, 57.9982, 66.0284



93.3105, 97.9045, 108.5872



56.6610, 60.3467, 66.3675



19.9906, 20.9777, 23.2454



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.



55.4948, 57.9982, 66.0284



89.9009, 93.7971, 107.9741



56.1446, 58.3319, 66.0585



11.7871, 12.2725, 14.3180



6.8613, 2.7466, 36.1248



0.3542, 0.1422, 1.8637

Inverse Universe

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



56.2577, 58.4588, 62.9651



91.4513, 94.7332, 101.7490



56.7728, 60.4718, 63.3243



12.0407, 12.4256, 13.3000



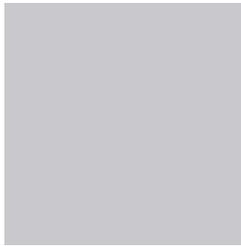
15.6742, 8.0803, 0.7370



0.8087, 0.4169, 0.0386

Previews

White Background



This preview shows how the XYZ color 55.4931, 57.9957, 66.0271 looks on a white background.

Color Contrast Check

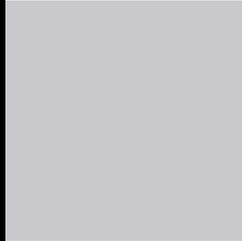
Large Text (above 18pt) WCAG AA × Fail

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 55.4931, 57.9957, 66.0271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

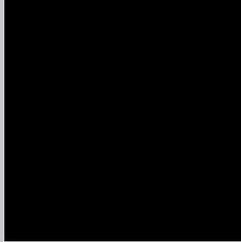
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

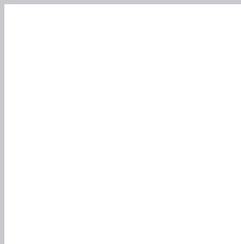
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4931, 57.9957, 66.0271

Background



This preview shows how black text looks on a background with the XYZ color 55.4931, 57.9957, 66.0271.



This preview shows how white text looks on a background with the XYZ color 55.4931, 57.9957,

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

55.4931, 57.9957, 66.0271

Protanopia

56.0715, 57.9511, 65.9880

Deuteranopia

59.0476, 57.7915, 66.4353



Tritanopia

56.6484, 58.1194, 71.8508

Trichromacy



Original Color

55.4931, 57.9957, 66.0271

Protanomaly

55.8000, 57.8112, 65.9753

Deuteranomaly

57.7445, 57.7850, 66.5027

Tritanomaly

56.2687, 57.9675, 69.8512

Monochromacy



Original Color

55.4931, 57.9957, 66.0271

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.6347, 58.4551, 64.2278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4931, 57.9957, 66.0271 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(200, 200, 205) looks like.

```
.text, #text, p{  
    color:rgb(200, 200, 205)  
}
```

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(200, 200, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 200, 205) }
```

Border

The CSS property to change the border of an element to XYZ 55.4931, 57.9957, 66.0271 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(200, 200, 205) }
```

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

```
.border{ border-color:rgb(200, 200, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 200, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 200, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 200, 205);  
box-shadow:4px 4px 4px 4px rgb(200, 200,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4931, 57.9957, 66.0271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 200, 205) }
```

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

```
.background{ background-color: rgb(200,  
200, 205) }
```

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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