

Converting Colors

XYZ(55.1581, 57.1098, 69.0136)

Have a look what the booklet for
XYZ(55.1581, 57.1098, 69.0136)
contains.

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Color

**XYZ(55.1156, 57.0471,
69.0790)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C6D2
RGB	198, 198, 210
RGB Percent	78%, 78%, 82%
CMY	0.2235, 0.2235, 0.1765
CMYK	0.06, 0.06, 0.00, 0.18
HSL	240°, 12%, 80%
HSV	240°, 6%, 82%
XYZ	55.1156, 57.0471, 69.0790
YIQ	199.3680, -3.8520, 3.7320

Conversions

Conversions Part 2

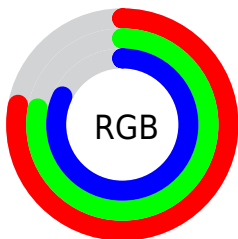
Format	Color
RYB	198, 198, 210
Decimal	13027026
CIELab	80.21, 2.27, -5.98
CIELCh	80, 6.396, 290.756
Yxy	57.0471, 0.3041, 0.3148
Android (android.graphics.Color)	4291217106 (0xFFC6C6D2)
YUV	199.3680, 5.2416, -1.1997
Hunter-Lab	75.5295, -1.9212, -1.3557

Details

The XYZ color **55.1156, 57.0471, 69.0790** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8180, 63.8712, 62.6025**, and the grayscale version is **54.4834, 57.3208, 62.4223**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.4756, 28.2761, 35.4622** is the 20% darker color. If you saturate the color by 10%, you get **45.4890, 45.4490, 67.3486**, and if you desaturate by 10%, it is **66.1781, 70.3760, 71.0695**.

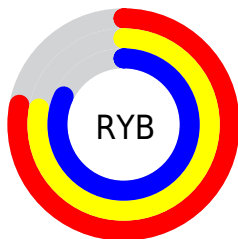
Distribution



Red (78%)

Green (78%)

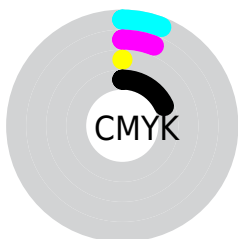
Blue (82%)



Red (78%)

Yellow (78%)

Blue (82%)

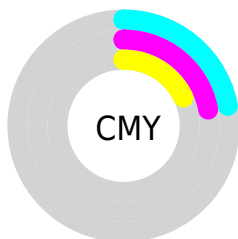


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (18%)



Cyan (22%)

Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1156, 57.0471, 69.0790 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 55.1156, 57.0471, 69.0790 by changing the saturation by 10% instead.

■ 55.1156, 57.0471,
69.0790

■ 55.1156, 57.0471,
69.0790

396.4793,
413.6258, 476.0110

■ 39.7285, 41.0431,
50.3039

96.8576, 100.5339,
119.5632

■ 27.5102, 28.3527,
35.2821

123.9433,
128.7855, 152.1093

■ 18.0953, 18.5917,
23.5949

155.6592,
161.8883, 190.0829

■ 11.1185, 11.3756,
14.8240

192.3706,
200.2269, 233.9024

■ 6.2145, 6.3201,
8.5507

234.4430,
244.1855, 283.9865

■ 3.0178, 3.0407,
4.3565

282.2416,

■ 1.1632, 1.1530,

294.1486, 340.7535

1.8229

336.1320,
350.5005, 404.6222

■ 0.0770, 0.0228,
0.4430

■ 0.0000, 0.0000,
0.0000

■ 55.1156, 57.0471,
69.0790

■ 55.1156, 57.0471,
69.0790

■ 45.4890, 45.4490,
67.3486

■ 66.1781, 70.3760,
71.0695

■ 37.2348, 35.5037,
65.8640

■ 78.7268, 85.4948,
73.3264

■ 30.2920, 27.1384,
64.6153

■ 88.6330, 97.4332,
75.1086

■ 24.5931, 20.2717,
63.5902

■ 20.0647, 14.8151,
62.7757

■ 16.6255, 10.6709,
62.1570

■ 14.1841, 7.7287,
61.7178

■ 12.6340, 5.8604,
61.4389

■ 11.8440, 4.9079,
61.2967

Harmonies

Analogous

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



53.8195, 57.0471, 69.4802



55.1156, 57.0471, 69.0790



56.1880, 57.0471, 66.7721

Triad

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



55.1156, 57.0471, 69.0790



55.8243, 57.0471, 56.7142



51.7827, 57.0471, 60.9675

Complementary

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



55.1156, 57.0471, 69.0790



59.8180, 63.8712, 62.6025

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.



52.3016, 57.0471, 57.6788



55.1156, 57.0471, 69.0790



54.6256, 57.0471, 55.2888

Square

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



55.1156, 57.0471, 69.0790



56.6017, 57.0471, 59.6027



53.3372, 57.0471, 55.6348



51.9091, 57.0471, 64.6961

Rectangle

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



55.1156, 57.0471, 69.0790



56.6250, 57.0471, 64.5131



53.3372, 57.0471, 55.6348



51.8871, 57.0471, 59.7763

Sweetspot

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



55.1173, 57.0495, 69.0803



91.5935, 95.8355, 108.2784



57.9441, 62.7430, 69.8997



19.6410, 20.5563, 23.1825



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.



55.1173, 57.0495, 69.0803



83.3543, 85.9086, 106.7965



56.6748, 57.8513, 69.1529



11.5703, 11.9078, 14.9323



7.0964, 2.8394, 37.3665



0.3969, 0.1590, 2.0893

Inverse Universe

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



56.9667, 58.1681, 61.6541



86.8764, 88.0388, 92.6539



58.1972, 63.0369, 62.5269



12.0928, 12.2238, 12.8339



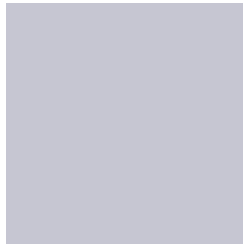
16.2127, 8.3579, 0.7601



0.9066, 0.4673, 0.0428

Previews

White Background



This preview shows how the XYZ color 55.1156, 57.0471, 69.0790 looks on a white background.

Color Contrast Check

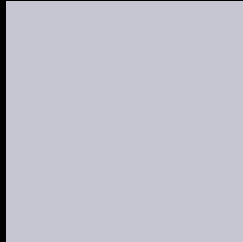
Large Text (above 18pt) WCAG AA × Fail

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 55.1156, 57.0471, 69.0790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

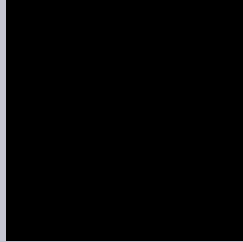
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1156, 57.0471, 69.0790

Background



This preview shows how black text looks on a background with the XYZ color 55.1156, 57.0471, 69.0790.

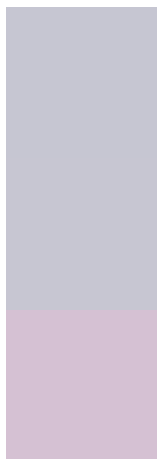


This preview shows how white text looks on a background with the XYZ color 55.1156, 57.0471,

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

55.1156, 57.0471, 69.0790

Protanopia

55.3801, 57.1834, 69.0914

Deuteranopia

58.2684, 56.9892, 69.5570



Tritanopia

55.7575, 57.3344, 71.0787

Trichromacy



Original Color

55.1156, 57.0471, 69.0790

Protanomaly

55.3801, 57.1834, 69.0914

Deuteranomaly

57.2854, 57.1433, 69.6385

Tritanomaly

55.6309, 57.2837, 70.4122

Monochromacy



Original Color

55.1156, 57.0471, 69.0790

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.7561, 57.3008, 64.6741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1156, 57.0471, 69.0790 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, 198, 210)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 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, 198, 210) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 55.1156, 57.0471, 69.0790 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, 198, 210) }
```


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

```
.border{ border-color:rgb(198, 198, 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, 198, 210)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 55.1156, 57.0471, 69.0790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(198,  
198, 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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