

Converting Colors

XYZ(55.3665, 57.1474, 70.3998)

Have a look what the booklet for
XYZ(55.3665, 57.1474, 70.3998)
contains.

XYZ(55.3665, 57.1474, 70.3998)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.3665, 57.1474,
70.3998)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C6D4
RGB	198, 198, 212
RGB Percent	78%, 78%, 83%
CMY	0.2235, 0.2235, 0.1686
CMYK	0.07, 0.07, 0.00, 0.17
HSL	240°, 14%, 80%
HSV	240°, 7%, 83%
XYZ	55.3665, 57.1474, 70.3998
YIQ	199.5960, -4.4940, 4.3540

Conversions

Conversions Part 2

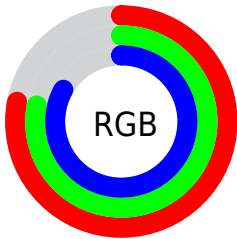
Format	Color
R_{YB}	198, 198, 212
Decimal	13027028
CIE Lab	80.26, 2.66, -6.97
CIE LCh	80, 7.461, 290.851
Yxy	57.1474, 0.3027, 0.3124
Android (android.graphics.Color)	4291217108 (0xFFC6C6D4)
YUV	199.5960, 6.1152, -1.3997
Hunter-Lab	75.5959, -1.5593, -2.2976

Details

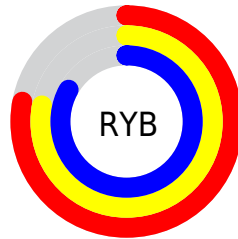
The XYZ color **55.3665, 57.1474, 70.3998** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8882, 65.1609, 62.7954**, and the grayscale version is **54.6184, 57.4628, 62.5770**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.5607, 28.3101, 35.9101** is the 20% darker color. If you saturate the color by 10%, you get **45.6545, 45.4461, 68.6540**, and if you desaturate by 10%, it is **66.5420, 70.6127, 72.4107**.

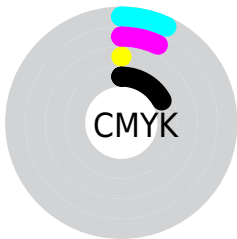
Distribution



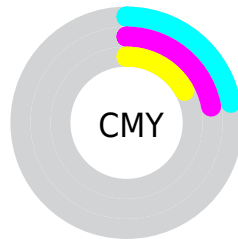
- Red (78%)
- Green (78%)
- Blue (83%)



- Red (78%)
- Yellow (78%)
- Blue (83%)



- Cyan (7%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (22%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3665, 57.1474, 70.3998 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 55.3665, 57.1474, 70.3998 by changing the saturation by 10% instead.

■ 55.3665, 57.1474,
70.3998

■ 55.3665, 57.1474,
70.3998

397.4136,
414.0014, 480.7795

■ 39.9302, 41.1236,
51.3737

97.2229, 100.6802,
121.4652

■ 27.6681, 28.4157,
36.1273

124.3738,
128.9580, 154.3416

■ 18.2148, 18.6392,
24.2421

156.1602,
162.0893, 192.6718

■ 11.2049, 11.4099,
15.2994

192.9476,
200.4585, 236.8744

■ 6.2732, 6.3432,
8.8809

235.1013,
244.4498, 287.3679

■ 3.0541, 3.0549,
4.5678

282.9866,

■ 1.1824, 1.1605,

294.4479, 344.5709

1.9417

336.9689,
350.8369, 408.9020

■ 0.0924, 0.0291,
0.5191

■ 0.0000, 0.0000,
0.0000

■ 55.3665, 57.1474,
70.3998

■ 55.3665, 57.1474,
70.3998

■ 45.6545, 45.4461,
68.6540

■ 66.5420, 70.6127,
72.4107

■ 37.3407, 35.4289,
67.1586

■ 79.2327, 85.9033,
74.6932

■ 30.3622, 27.0205,
65.9035

■ 88.8838, 97.5335,
76.4294

■ 24.6496, 20.1371,
64.8759

■ 20.1268, 14.6874,
64.0624

■ 16.7101, 10.5703,
63.4478

■ 14.3046, 7.6714,
63.0151

■ 12.7994, 5.8574,
62.7442

■ 12.0526, 4.9572,
62.6098

Harmonies

Analogous

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



53.8523, 57.1474, 70.8817



55.3665, 57.1474, 70.3998



56.6210, 57.1474, 67.6735

Triad

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



55.3665, 57.1474, 70.3998



56.1878, 57.1474, 55.9404



51.4751, 57.1474, 60.8990

Complementary

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



55.3665, 57.1474, 70.3998



60.8882, 65.1609, 62.7954

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.



52.0761, 57.1474, 57.0748



55.3665, 57.1474, 70.3998



54.7841, 57.1474, 54.3013

Square

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



55.3665, 57.1474, 70.3998



57.1013, 57.1474, 59.2845



53.2806, 57.1474, 54.7067



51.6245, 57.1474, 65.2587

Rectangle

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



55.3665, 57.1474, 70.3998



57.1321, 57.1474, 65.0172



53.2806, 57.1474, 54.7067



51.5957, 57.1474, 59.5115

Sweetspot

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



55.3682, 57.1498, 70.4011



91.5934, 95.8352, 108.2783



58.6874, 63.8354, 71.3624



19.6409, 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.



55.3682, 57.1498, 70.4011



81.7741, 84.0043, 106.5122



57.1913, 58.0888, 70.4862



11.7429, 12.0091, 15.6366



7.3367, 2.9353, 38.6330



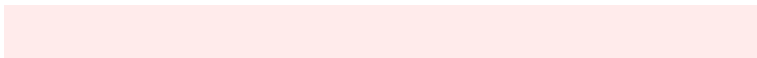
0.4426, 0.1772, 2.3302

Inverse Universe

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



57.5399, 58.4637, 61.6808



85.7722, 86.4232, 90.4582



58.9788, 64.1775, 62.7062



12.4234, 12.4209, 12.9039



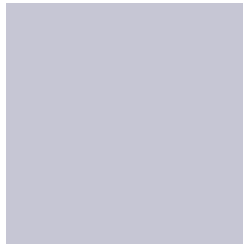
16.7621, 8.6412, 0.7854



1.0110, 0.5212, 0.0476

Previews

White Background



This preview shows how the XYZ color 55.3665, 57.1474, 70.3998 looks on a white background.

Color Contrast Check

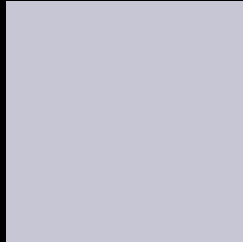
Large Text (above 18pt) WCAG AA × Fail

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 55.3665, 57.1474, 70.3998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

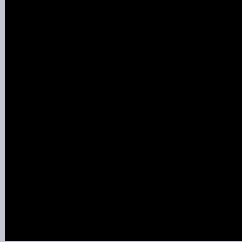
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3665, 57.1474, 70.3998

Background



This preview shows how black text looks on a background with the XYZ color 55.3665, 57.1474, 70.3998.

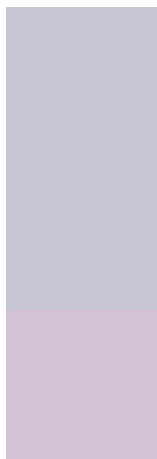


This preview shows how white text looks on a background with the XYZ color 55.3665, 57.1474,

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

55.3665, 57.1474, 70.3998

Protanopia

55.6309, 57.2837, 70.4122

Deuteranopia

58.2316, 56.9411, 70.8724



Tritanopia

55.4930, 57.1980, 71.0663

Trichromacy



Original Color

55.3665, 57.1474, 70.3998

Protanomaly

55.6309, 57.2837, 70.4122

Deuteranomaly

57.2575, 57.0997, 70.9543

Tritanomaly

55.4930, 57.1980, 71.0663

Monochromacy



Original Color

55.3665, 57.1474, 70.3998

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.8757, 57.3486, 65.3039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3665, 57.1474, 70.3998 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 212) }
```

Border

The CSS property to change the border of an element to XYZ 55.3665, 57.1474, 70.3998 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, 212) }
```


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

```
.border{ border-color:rgb(198, 198, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 212);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3665, 57.1474, 70.3998 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, 212) }
```

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

```
.background{ background-color: rgb(198,  
198, 212) }
```

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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