

Converting Colors

XYZ(55.1402, 57.3193, 69.6101)

Have a look what the booklet for
XYZ(55.1402, 57.3193, 69.6101)
contains.

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Color

**XYZ(55.2073, 57.4203,
69.8015)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C7D3
RGB	197, 199, 211
RGB Percent	77%, 78%, 83%
CMY	0.2274, 0.2196, 0.1725
CMYK	0.07, 0.06, 0.00, 0.17
HSL	231°, 14%, 80%
HSV	231°, 7%, 83%
XYZ	55.2073, 57.4203, 69.8015
YIQ	199.7700, -5.0440, 3.3080

Conversions

Conversions Part 2

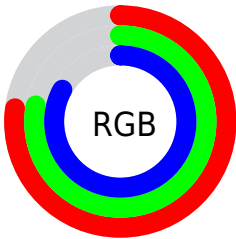
Format	Color
RYB	197, 199, 211
Decimal	12961747
CIELab	80.42, 1.60, -6.22
CIELCh	80, 6.419, 284.394
Yxy	57.4203, 0.3026, 0.3148
Android (android.graphics.Color)	4291151827 (0xFFC5C7D3)
YUV	199.7700, 5.5364, -2.4293
Hunter-Lab	75.7762, -2.5608, -1.5719

Details

The XYZ color **55.2073, 57.4203, 69.8015** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7428, 63.4807, 61.9287**, and the grayscale version is **54.7289, 57.5791, 62.7036**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **27.5389, 28.5248, 35.9527** is the 20% darker color. If you saturate the color by 10%, you get **46.1485, 46.9382, 68.2566**, and if you desaturate by 10%, it is **65.5371, 69.2946, 71.5499**.

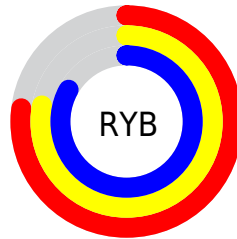
Distribution



Red (77%)

Green (78%)

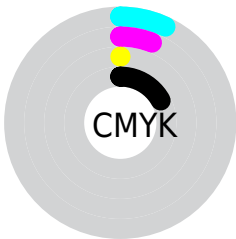
Blue (83%)



Red (77%)

Yellow (78%)

Blue (83%)

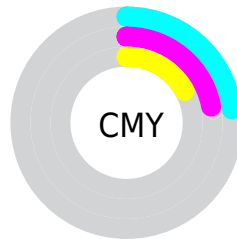


Cyan (7%)

Magenta (6%)

Yellow (0%)

Black (17%)



Cyan (23%)

Magenta (22%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2073, 57.4203, 69.8015 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 55.2073, 57.4203, 69.8015 by changing the saturation by 10% instead.

■ 55.2073, 57.4203,
69.8015

■ 55.2073, 57.4203,
69.8015

396.8209,
415.0224, 478.6230

■ 39.8022, 41.3428,
50.8889

96.9912, 101.0782,
120.6041

■ 27.5679, 28.5870,
35.7441

124.1007,
129.4274, 153.3312

■ 18.1390, 18.7686,
23.9485

155.8423,
162.6359, 191.5002

■ 11.1501, 11.5032,
15.0836

192.5816,
201.0881, 235.5297

■ 6.2359, 6.4064,
8.7308

234.6837,
245.1685, 285.8382

■ 3.0311, 3.0937,
4.4716

282.5140,

■ 1.1702, 1.1809,

295.2614, 342.8442

1.8875

336.4380,
351.7512, 406.9663

■ 0.0827, 0.0460,
0.4847

■ 0.0000, 0.0000,
0.0000

■ 55.2073, 57.4203,
69.8015

■ 55.2073, 57.4203,
69.8015

■ 46.1485, 46.9382,
68.2566

■ 65.5371, 69.2946,
71.5499

■ 38.3066, 37.7901,
66.9041

■ 77.1794, 82.6021,
73.5049

■ 31.6307, 29.9244,
65.7378

■ 88.2022, 96.3716,
75.5817

■ 26.0647, 23.2831,
64.7492

■ 88.7580, 97.4832,
75.7670

■ 21.5476, 17.8042,
63.9298

■ 18.0125, 13.4196,
63.2698

■ 15.3846, 10.0545,
62.7587

■ 13.5780, 7.6240,
62.3848

■ 12.4860, 6.0271,
62.1342

Harmonies

Analogous

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



53.8988, 57.4203, 69.7588



55.2073, 57.4203, 69.8015



56.3646, 57.4203, 67.8400

Triad

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



55.2073, 57.4203, 69.8015



56.4032, 57.4203, 57.5900



52.1768, 57.4203, 60.5928

Complementary

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



55.2073, 57.4203, 69.8015



59.7428, 63.4807, 61.9287

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.



52.8262, 57.4203, 57.4875



55.2073, 57.4203, 69.8015



55.2594, 57.4203, 55.8019

Square

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



55.2073, 57.4203, 69.8015



57.0625, 57.4203, 60.7379



53.9501, 57.4203, 55.7651



52.1633, 57.4203, 64.3386

Rectangle

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



55.2073, 57.4203, 69.8015



56.8886, 57.4203, 65.7035



53.9501, 57.4203, 55.7651



52.3275, 57.4203, 59.4429

Sweetspot

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



55.2090, 57.4227, 69.8028



91.8201, 96.2887, 108.3539



57.8175, 63.0583, 69.3818



19.6871, 20.6486, 23.1979



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.



55.2090, 57.4227, 69.8028



82.6135, 85.6831, 106.7920



56.0553, 57.1794, 69.7112



11.2982, 11.6866, 14.9039



7.4241, 3.4947, 37.4758



0.4601, 0.2854, 2.1104

Inverse Universe

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



57.1404, 57.9062, 62.2010



86.1958, 86.5926, 92.6893



58.8547, 63.7569, 62.0288



11.8766, 11.8354, 12.6263



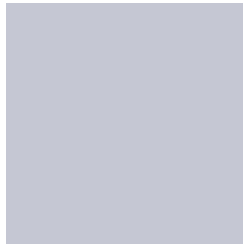
16.3781, 8.4241, 1.6311



0.9385, 0.4801, 0.2108

Previews

White Background



This preview shows how the XYZ color 55.2073, 57.4203, 69.8015 looks on a white background.

Color Contrast Check

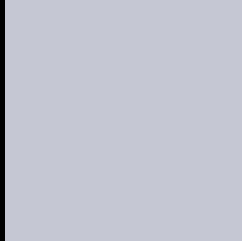
Large Text (above 18pt) WCAG AA × Fail

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 55.2073, 57.4203, 69.8015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

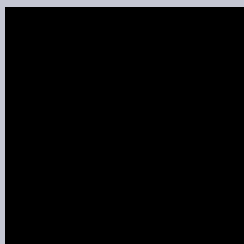
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

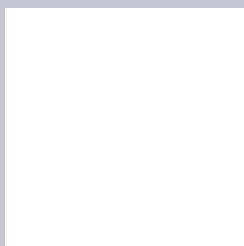
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2073, 57.4203, 69.8015

Background



This preview shows how black text looks on a background with the XYZ color 55.2073, 57.4203, 69.8015.

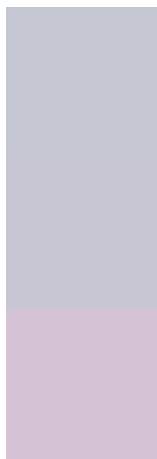


This preview shows how white text looks on a background with the XYZ color 55.2073, 57.4203,

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

55.2073, 57.4203, 69.8015

Protanopia

55.7714, 57.3707, 69.7622

Deuteranopia

58.6160, 57.4832, 70.2933



Tritanopia

55.6204, 57.2490, 71.7370

Trichromacy



Original Color

55.2073, 57.4203, 69.8015

Protanomaly

55.5051, 57.2334, 69.7497

Deuteranomaly

57.3557, 57.4987, 70.3627

Tritanomaly

55.4930, 57.1980, 71.0663

Monochromacy



Original Color

55.2073, 57.4203, 69.8015

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 55.2073, 57.4203, 69.8015 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(197, 199, 211)` looks like.

```
.text, #text, p{  
    color:rgb(197, 199, 211)  
}
```

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(197, 199, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 199, 211) }
```

Border

The CSS property to change the border of an element to XYZ 55.2073, 57.4203, 69.8015 is called "border". The border property can be set on classes, ids or directly on the HTML element.

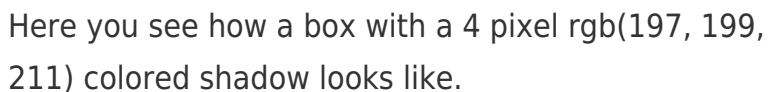
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 199, 211) }
```


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

```
.border{ border-color:rgb(197, 199, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 199, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 199, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 199, 211); box-shadow:4px 4px 4px 4px rgb(197, 199, 211) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2073, 57.4203, 69.8015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 199, 211) }
```

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

```
.background{ background-color: rgb(197,  
199, 211) }
```

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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