

Converting Colors

XYZ(53.5936, 55.7046, 71.1813)

Have a look what the booklet for
XYZ(53.5936, 55.7046, 71.1813)
contains.

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Color

**XYZ(53.7147, 55.9431,
70.9178)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C5D5
RGB	192, 197, 213
RGB Percent	75%, 77%, 84%
CMY	0.2471, 0.2274, 0.1647
CMYK	0.10, 0.08, 0.00, 0.16
HSL	226°, 20%, 79%
HSV	226°, 10%, 84%
XYZ	53.7147, 55.9431, 70.9178
YIQ	197.3290, -8.1160, 3.9160

Conversions

Conversions Part 2

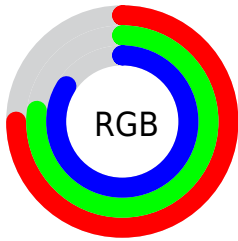
Format	Color
R _Y B	192, 196, 213
Decimal	12633557
CIE Lab	79.58, 1.40, -8.57
CIE LCh	80, 8.683, 279.254
Yxy	55.9431, 0.2975, 0.3098
Android (android.graphics.Color)	4290823637 (0xFFC0C5D5)
YUV	197.3290, 7.7258, -4.6735
Hunter-Lab	74.7951, -2.7003, -3.8599

Details

The XYZ color **53.7147, 55.9431, 70.9178** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5110, 63.0631, 58.9059**, and the grayscale version is **53.2294, 56.0014, 60.9855**.

A 20% lighter version of the original color is **92.2032, 98.0601, 108.6756**, and **26.4752, 27.5168, 36.2636** is the 20% darker color. If you saturate the color by 10%, you get **45.2190, 46.3866, 69.5219**, and if you desaturate by 10%, it is **63.3908, 66.6998, 72.4849**.

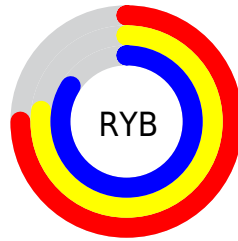
Distribution



Red (75%)

Green (77%)

Blue (84%)



Red (75%)

Yellow (77%)

Blue (84%)

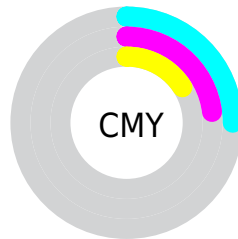


Cyan (10%)

Magenta (8%)

Yellow (0%)

Black (16%)



Cyan (25%)

Magenta (23%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7147, 55.9431, 70.9178 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 53.7147, 55.9431, 70.9178 by changing the saturation by 10% instead.

■ 53.7147, 55.9431,
70.9178

■ 53.7147, 55.9431,
70.9178

391.2373,
409.4770, 482.6419

■ 38.6034, 40.1573,
51.7937

■ 94.8146, 98.9214,
122.2100

■ 26.6307, 27.6612,
36.4596

121.5338,
126.8827, 155.2153

■ 17.4312, 18.0704,
24.4968

152.8531,
159.6712, 193.6846

■ 10.6396, 11.0006,
15.4870

189.1378,
197.6714, 238.0366

■ 5.8905, 6.0672,
9.0115

230.7531,
241.2677, 288.6898

■ 2.8187, 2.8860,
4.6517

278.0646,

■ 1.0586, 1.0725,

290.8445, 346.0627

1.9893

331.4375,
346.7861, 410.5739

■ 0.0000, 0.0000,
0.5487

■ 0.0000, 0.0000,
0.0000

■ 53.7147, 55.9431,
70.9178

■ 53.7147, 55.9431,
70.9178

■ 45.2190, 46.3866,
69.5219

■ 63.3908, 66.6998,
72.4849

■ 37.8529, 37.9810,
68.2877

■ 74.2856, 78.6898,
74.2250

■ 31.5692, 30.6841,
67.2104

■ 86.1093, 91.7819,
76.1289

■ 26.3151, 24.4480,
66.2836

■ 89.0104, 97.5842,
77.0959

■ 22.0336, 19.2214,
65.5005

■ 18.6617, 14.9485,
64.8534

■ 16.1285, 11.5675,
64.3343

■ 14.3516, 9.0084,
63.9340

■ 13.1969, 7.1716,
63.6403

Harmonies

Analogous

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



51.9903, 55.9431, 70.3670



53.7147, 55.9431, 70.9178



55.3279, 55.9431, 68.6761

Triad

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



53.7147, 55.9431, 70.9178



55.8181, 55.9431, 55.0212



50.0900, 55.9431, 57.5654

Complementary

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



53.7147, 55.9431, 70.9178



59.5110, 63.0631, 58.9059

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.



51.0733, 55.9431, 53.7572



53.7147, 55.9431, 70.9178



54.3720, 55.9431, 52.3452

Square

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



53.7147, 55.9431, 70.9178



56.5598, 55.9431, 59.3773



52.6334, 55.9431, 51.8955



49.9228, 55.9431, 62.4740

Rectangle

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



53.7147, 55.9431, 70.9178



56.1141, 55.9431, 65.9683



52.6334, 55.9431, 51.8955



50.3350, 55.9431, 56.1219

Sweetspot

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



53.7163, 55.9455, 70.9190



90.4604, 94.9159, 108.1606



56.8878, 63.3377, 68.7413



19.1057, 20.0312, 23.1094



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.



53.7163, 55.9455, 70.9190



77.6841, 80.6703, 106.0843



53.9523, 54.4085, 70.6099



11.9804, 12.4843, 15.7158



8.1191, 4.5000, 38.8938



0.5546, 0.4012, 2.3675

Inverse Universe

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



56.3695, 55.8777, 60.6406



82.5248, 80.5952, 87.3203



59.2517, 64.7689, 59.2489



12.5433, 12.4688, 13.5354



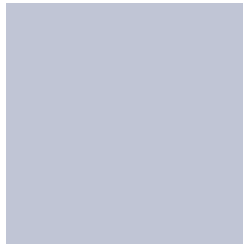
17.1570, 8.7991, 2.8649



1.0676, 0.5438, 0.3453

Previews

White Background



This preview shows how the XYZ color 53.7147, 55.9431, 70.9178 looks on a white background.

Color Contrast Check

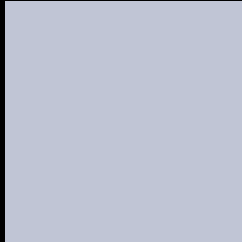
Large Text (above 18pt) WCAG AA × Fail

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 53.7147, 55.9431, 70.9178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

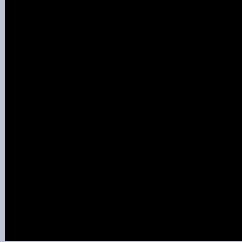
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7147, 55.9431, 70.9178

Background



This preview shows how black text looks on a background with the XYZ color 53.7147, 55.9431, 70.9178.

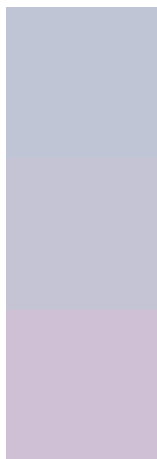


This preview shows how white text looks on a background with the XYZ color 53.7147, 55.9431,

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

53.7147, 55.9431, 70.9178

Protanopia

54.3885, 55.9691, 70.2239

Deuteranopia

56.9997, 55.9642, 71.4163



Tritanopia

53.7147, 55.9431, 70.9178

Trichromacy



Original Color

53.7147, 55.9431, 70.9178

Protanomaly

54.1293, 55.8354, 70.2118

Deuteranomaly

55.7865, 55.9952, 71.4862

Tritanomaly

53.7147, 55.9431, 70.9178

Monochromacy



Original Color

53.7147, 55.9431, 70.9178

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.2514, 55.8464, 64.4727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7147, 55.9431, 70.9178 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(192, 197, 213)` looks like.

```
.text, #text, p{  
    color:rgb(192, 197, 213)  
}
```

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(192, 197, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 197, 213) }
```

Border

The CSS property to change the border of an element to XYZ 53.7147, 55.9431, 70.9178 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(192, 197, 213) }
```


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

```
.border{ border-color:rgb(192, 197, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 197, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 197, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 197, 213);  
box-shadow:4px 4px 4px 4px rgb(192, 197,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7147, 55.9431, 70.9178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 197, 213) }
```

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

```
.background{ background-color: rgb(192,  
197, 213) }
```

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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