

Converting Colors

XYZ(51.0225, 55.7095, 71.6750)

Have a look what the booklet for
XYZ(51.0225, 55.7095, 71.6750)
contains.

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Color

**XYZ(50.9233, 55.5107,
71.6490)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C8D6
RGB	177, 200, 214
RGB Percent	69%, 78%, 84%
CMY	0.3059, 0.2157, 0.1608
CMYK	0.17, 0.07, 0.00, 0.16
HSL	203°, 31%, 77%
HSV	203°, 17%, 84%
XYZ	50.9233, 55.5107, 71.6490
YIQ	194.7190, -18.2020, -0.5220

Conversions

Conversions Part 2

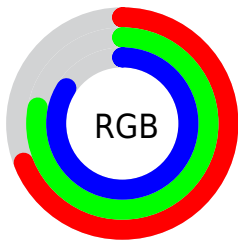
Format	Color
RYB	177, 191, 214
Decimal	11651286
CIELab	79.33, -4.83, -9.59
CIELCh	79, 10.736, 243.275
Yxy	55.5107, 0.2860, 0.3117
Android (android.graphics.Color)	4289841366 (0xFFB1C8D6)
YUV	194.7190, 9.5055, -15.5396
Hunter-Lab	74.5055, -8.3828, -4.8630

Details

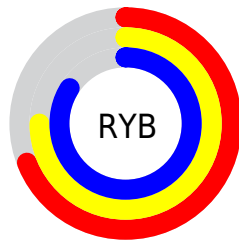
The XYZ color **50.9233, 55.5107, 71.6490** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2985, 54.7319, 49.2985**, and the grayscale version is **51.6589, 54.3492, 59.1863**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **24.8491, 27.3461, 36.7695** is the 20% darker color. If you saturate the color by 10%, you get **44.6007, 49.5425, 70.8311**, and if you desaturate by 10%, it is **58.1129, 62.0761, 72.5382**.

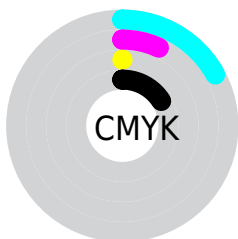
Distribution



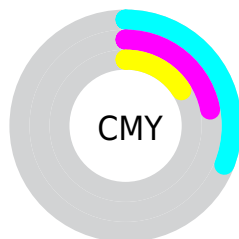
- Red (69%)
- Green (78%)
- Blue (84%)



- Red (69%)
- Yellow (75%)
- Blue (84%)



- Cyan (17%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (31%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9233, 55.5107, 71.6490 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 50.9233, 55.5107, 71.6490 by changing the saturation by 10% instead.

■ 50.9233, 55.5107,
71.6490

■ 50.9233, 55.5107,
71.6490

380.6583,
407.8449, 485.2636

■ 36.3684, 39.8108,
52.3869

■ 90.7251, 98.2888,
123.2604

■ 24.8903, 27.3910,
36.9292

116.7026,
126.1358, 156.4469

■ 16.1236, 17.8671,
24.8573

147.2184,
158.8005, 195.1119

■ 9.7031, 10.8546,
15.7527

182.6377,
196.6674, 239.6739

■ 5.2633, 5.9692,
9.1969

223.3260,
240.1209, 290.5516

■ 2.4389, 2.8263,
4.7713

269.6487,

■ 0.8645, 1.0418,

289.5454, 348.1634

2.0573

321.9710,
345.3253, 412.9279

■ 0.0000, 0.0000,
0.5902

■ 0.0000, 0.0000,
0.0000

■ 50.9233, 55.5107,
71.6490

■ 50.9233, 55.5107,
71.6490

■ 44.6007, 49.5425,
70.8311

■ 58.1129, 62.0761,
72.5382

■ 39.1031, 44.1433,
70.0788

■ 66.1992, 69.2520,
73.4971

■ 34.3922, 39.2925,
69.3907

■ 75.2166, 77.0597,
74.5289

■ 30.4246, 34.9653,
68.7646

■ 82.3435, 84.0467,
75.5019

■ 27.1523, 31.1346,
68.1977

■ 84.6803, 88.7201,
76.2808

■ 24.5211, 27.7700,
67.6869

■ 87.1234, 93.6064,
77.0952

■ 22.4678, 24.8362,
67.2289

■ 89.1378, 97.6351,
77.7666

■ 20.9076, 22.2870,
66.8191

■ 20.5313, 21.6421,
66.7144

Harmonies

Analogous

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



49.3789, 55.5107, 67.1753



50.9233, 55.5107, 71.6490



52.9978, 55.5107, 73.0535

Triad

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



50.9233, 55.5107, 71.6490



56.9985, 55.5107, 59.7677



50.5247, 55.5107, 51.0709

Complementary

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



50.9233, 55.5107, 71.6490



54.2985, 54.7319, 49.2985

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.



52.5254, 55.5107, 49.3720



50.9233, 55.5107, 71.6490



56.2947, 55.5107, 54.1739

Square

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



50.9233, 55.5107, 71.6490



56.5417, 55.5107, 65.9258



54.6429, 55.5107, 50.4687



49.1532, 55.5107, 55.2705

Rectangle

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



50.9233, 55.5107, 71.6490



54.4122, 55.5107, 71.9871



54.6429, 55.5107, 50.4687



51.1440, 55.5107, 50.2019

Sweetspot

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



50.9249, 55.5130, 71.6502



88.9943, 94.6225, 108.1812



51.5353, 61.1837, 58.1350



18.8722, 20.0954, 23.1341



0.0000, 0.0000, 0.0000



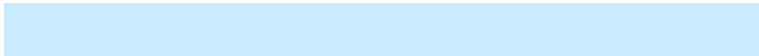
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.9249, 55.5130, 71.6502



71.8930, 78.9689, 106.0611



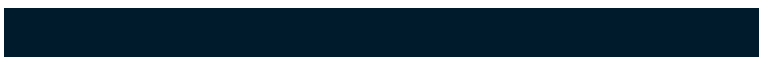
46.9844, 47.6318, 70.3367



12.3792, 13.2818, 15.8487



12.5128, 13.2873, 40.3584



0.8333, 0.9586, 2.4604

Inverse Universe

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



53.8803, 49.9117, 61.4403



77.1898, 69.2267, 87.6955



58.4851, 63.1051, 50.6940



12.7446, 12.5493, 14.5952



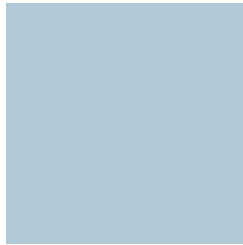
19.3747, 9.6862, 14.5433



1.2083, 0.6001, 1.0861

Previews

White Background



This preview shows how the XYZ color 50.9233, 55.5107, 71.6490 looks on a white background.

Color Contrast Check

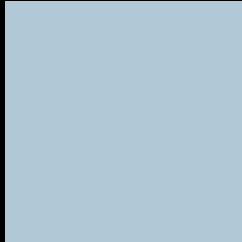
Large Text (above 18pt) WCAG AA × Fail

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 50.9233, 55.5107, 71.6490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

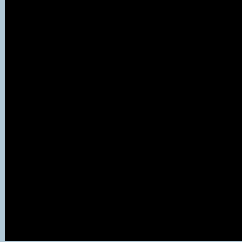
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.9233, 55.5107, 71.6490

Background



This preview shows how black text looks on a background with the XYZ color 50.9233, 55.5107, 71.6490.



This preview shows how white text looks on a background with the XYZ color 50.9233, 55.5107,

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

50.9233, 55.5107, 71.6490

Protanopia

53.7787, 55.3355, 69.4744

Deuteranopia

56.4791, 55.3413, 72.6709



Tritanopia

51.1804, 55.6135, 73.0027

Trichromacy



Original Color

50.9233, 55.5107, 71.6490

Protanomaly

52.5890, 55.3773, 70.2045

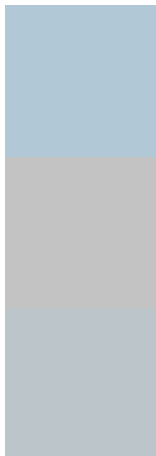
Deuteranomaly

54.0632, 55.0920, 72.0744

Tritanomaly

51.0515, 55.5620, 72.3238

Monochromacy



Original Color

50.9233, 55.5107, 71.6490

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.3660, 54.8881, 63.7643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9233, 55.5107, 71.6490 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(177, 200, 214)` looks like.

```
.text, #text, p{  
    color:rgb(177, 200, 214)  
}
```

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(177, 200, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 200, 214) }
```

Border

The CSS property to change the border of an element to XYZ 50.9233, 55.5107, 71.6490 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(177, 200, 214) }
```


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

```
.border{ border-color:rgb(177, 200, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 200, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 200, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 200, 214);  
box-shadow:4px 4px 4px 4px rgb(177, 200,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9233, 55.5107, 71.6490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 200, 214) }
```

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

```
.background{ background-color: rgb(177,  
200, 214) }
```

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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