

Converting Colors

XYZ(50.6448, 53.8960, 71.5184)

Have a look what the booklet for
XYZ(50.6448, 53.8960, 71.5184)
contains.

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Color

**XYZ(50.6999, 54.0382,
71.3766)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C4D6
RGB	180, 196, 214
RGB Percent	71%, 77%, 84%
CMY	0.2941, 0.2314, 0.1608
CMYK	0.16, 0.08, 0.00, 0.16
HSL	212°, 29%, 77%
HSV	212°, 16%, 84%
XYZ	50.6999, 54.0382, 71.3766
YIQ	193.2680, -15.3140, 2.2060

Conversions

Conversions Part 2

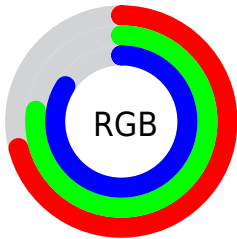
Format	Color
R _Y B	180, 191, 214
Decimal	11846870
CIE Lab	78.48, -1.76, -10.83
CIE LCh	78, 10.976, 260.790
Yxy	54.0382, 0.2879, 0.3068
Android (android.graphics.Color)	4290036950 (0xFFB4C4D6)
YUV	193.2680, 10.2209, -11.6360
Hunter-Lab	73.5107, -5.5332, -6.1113

Details

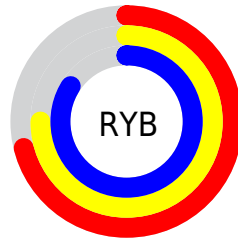
The XYZ color **50.6999, 54.0382, 71.3766** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1642, 57.9794, 51.4120**, and the grayscale version is **50.7957, 53.4410, 58.1973**.

A 20% lighter version of the original color is **87.7674, 95.3034, 108.3773**, and **24.6834, 26.3612, 36.5882** is the 20% darker color. If you saturate the color by 10%, you get **43.6384, 46.7481, 70.3425**, and if you desaturate by 10%, it is **58.7268, 62.1152, 72.5134**.

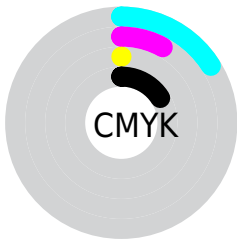
Distribution



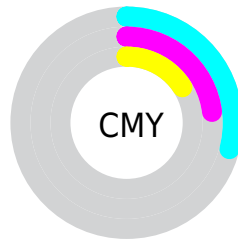
- Red (71%)
- Green (77%)
- Blue (84%)



- Red (71%)
- Yellow (75%)
- Blue (84%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (29%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6999, 54.0382, 71.3766 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 50.6999, 54.0382, 71.3766 by changing the saturation by 10% instead.

■ 50.6999, 54.0382,
71.3766

■ 50.6999, 54.0382,
71.3766

379.8036,
402.2557, 484.2879

■ 36.1899, 38.6322,
52.1659

■ 90.3967, 96.1303,
122.8693

■ 24.7517, 26.4737,
36.7541

116.3141,
123.5853, 155.9883

■ 16.0199, 17.1784,
24.7229

146.7648,
155.8253, 194.5805

■ 9.6292, 10.3617,
15.6536

182.1140,
193.2348, 239.0644

■ 5.2142, 5.6395,
9.1277

222.7272,
236.1982, 289.8585

■ 2.4095, 2.6271,
4.7266

268.9696,

■ 0.8498, 0.9403,

285.0999, 347.3815

2.0318

321.2066,
340.3242, 412.0518

■ 0.0000, 0.0000,
0.5748

■ 0.0000, 0.0000,
0.0000

■ 50.6999, 54.0382,
71.3766

■ 50.6999, 54.0382,
71.3766

■ 43.6384, 46.7481,
70.3425

■ 58.7268, 62.1152,
72.5134

■ 37.4979, 40.2116,
69.4045

■ 67.7512, 70.9975,
73.7522

■ 32.2379, 34.4025,
68.5605

■ 77.8097, 80.7112,
75.0970

■ 27.8124, 29.2906,
67.8070

■ 84.9266, 89.2127,
76.3629

■ 24.1711, 24.8428,
67.1404

■ 88.3906, 96.1407,
77.5176

■ 21.2575, 21.0227,
66.5566

■ 89.1378, 97.6351,
77.7666

■ 19.0066, 17.7892,
66.0511

■ 17.3385, 15.0930,
65.6186

■ 16.7646, 14.1088,
65.4589

Harmonies

Analogous

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



48.7809, 54.0382, 68.5433



50.6999, 54.0382, 71.3766



52.8499, 54.0382, 70.6724

Triad

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



50.6999, 54.0382, 71.3766



55.3427, 54.0382, 54.7170



48.2107, 54.0382, 51.6356

Complementary

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



50.6999, 54.0382, 71.3766



56.1642, 57.9794, 51.4120

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.



49.9017, 54.0382, 48.4052



50.6999, 54.0382, 71.3766



54.0319, 54.0382, 50.0957

Square

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



50.6999, 54.0382, 71.3766



55.5710, 54.0382, 60.7625



52.0292, 54.0382, 47.8619



47.3705, 54.0382, 56.9554

Rectangle

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



50.6999, 54.0382, 71.3766



54.1227, 54.0382, 68.3101



52.0292, 54.0382, 47.8619



48.6962, 54.0382, 50.2854

Sweetspot

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



50.7015, 54.0404, 71.3778



88.3984, 93.4308, 107.9826



53.0131, 61.8547, 62.3104



18.7274, 19.8057, 23.0858



0.0000, 0.0000, 0.0000



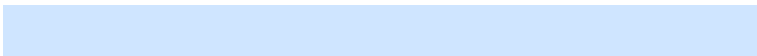
20.3446, 21.4041, 23.3091

Same Dimension

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



50.7015, 54.0404, 71.3778



71.7739, 76.6553, 105.6208



47.4145, 47.2701, 70.2442



12.2197, 12.9629, 15.7956



10.2354, 8.7326, 39.5992



0.6998, 0.6917, 2.4159

Inverse Universe

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



54.0179, 50.9254, 59.2096



77.6363, 71.3448, 84.0670



59.8522, 65.6004, 52.6887



12.6641, 12.5171, 14.1715



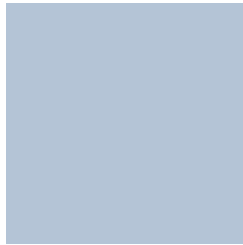
18.2252, 9.2264, 8.4900



1.1409, 0.5731, 0.7313

Previews

White Background



This preview shows how the XYZ color 50.6999, 54.0382, 71.3766 looks on a white background.

Color Contrast Check

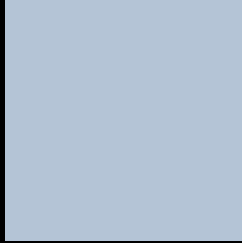
Large Text (above 18pt) WCAG AA × Fail

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 50.6999, 54.0382, 71.3766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

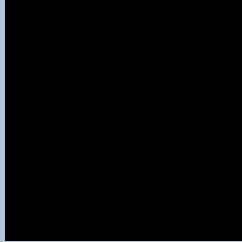
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

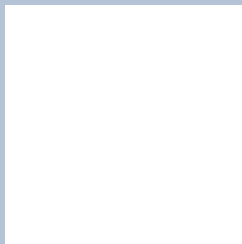
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.6999, 54.0382, 71.3766

Background



This preview shows how black text looks on a background with the XYZ color 50.6999, 54.0382, 71.3766.



This preview shows how white text looks on a background with the XYZ color 50.6999, 54.0382,

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

50.6999, 54.0382, 71.3766

Protanopia

52.6919, 54.0999, 69.9525

Deuteranopia

55.0919, 53.9980, 71.8090



Tritanopia

50.4460, 53.9366, 70.0394

Trichromacy



Original Color

50.6999, 54.0382, 71.3766

Protanomaly

52.0411, 54.0790, 70.6462

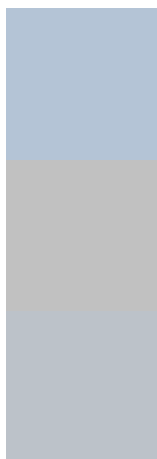
Deuteranomaly

53.6211, 54.2077, 71.9270

Tritanomaly

50.5726, 53.9873, 70.7059

Monochromacy



Original Color

50.6999, 54.0382, 71.3766

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.5734, 53.4920, 62.9178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6999, 54.0382, 71.3766 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(180, 196, 214)` looks like.

```
.text, #text, p{  
    color:rgb(180, 196, 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(180, 196, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 196, 214) }
```

Border

The CSS property to change the border of an element to XYZ 50.6999, 54.0382, 71.3766 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(180, 196, 214) }
```


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

```
.border{ border-color:rgb(180, 196, 214) }
```

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

Here you see how a box with a 4 pixel rgb(180, 196, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 196, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 196, 214);  
box-shadow:4px 4px 4px 4px rgb(180, 196,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6999, 54.0382, 71.3766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 196, 214) }
```

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

```
.background{ background-color: rgb(180,  
196, 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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