

# Converting Colors

XYZ(50.5525, 54.6169, 66.6220)

Have a look what the booklet for  
XYZ(50.5525, 54.6169, 66.6220)  
contains.

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# Color

**XYZ(50.7480, 54.8382,  
66.9416)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6C6CF
RGB	182, 198, 207
RGB Percent	71%, 78%, 81%
CMY	0.2863, 0.2235, 0.1882
CMYK	0.12, 0.04, 0.00, 0.19
HSL	202°, 21%, 76%
HSV	202°, 12%, 81%
XYZ	50.7480, 54.8382, 66.9416
YIQ	194.2420, -12.4250, -0.5930

# Conversions

## Conversions Part 2

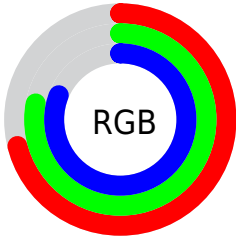
Format	Color
R <sub>Y</sub> B	182, 192, 207
Decimal	11978447
CIE Lab	78.95, -3.63, -6.36
CIE LCh	79, 7.321, 240.292
Yxy	54.8382, 0.2941, 0.3179
Android (android.graphics.Color)	4290168527 (0xFFB6C6CF)
YUV	194.2420, 6.2897, -10.7362
Hunter-Lab	74.0528, -7.2673, -1.7595

# Details

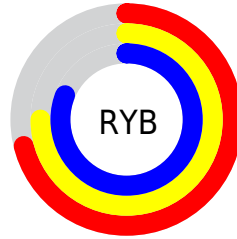
The XYZ color **50.7480, 54.8382, 66.9416** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.8069, 53.9044, 51.8785**, and the grayscale version is **51.3919, 54.0683, 58.8804**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **24.7763, 26.9136, 34.0260** is the 20% darker color. If you saturate the color by 10%, you get **44.5553, 49.1810, 66.1769**, and if you desaturate by 10%, it is **57.7504, 61.0400, 67.7705**.

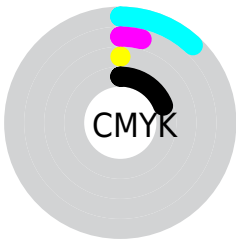
# Distribution



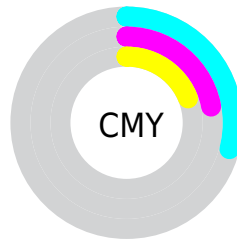
- Red (71%)
- Green (78%)
- Blue (81%)



- Red (71%)
- Yellow (75%)
- Blue (81%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (29%)
- Magenta (22%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7480, 54.8382, 66.9416 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 50.7480, 54.8382, 66.9416 by changing the saturation by 10% instead.



■ 50.7480, 54.8382,  
66.9416

■ 50.7480, 54.8382,  
66.9416

379.9877,  
405.2983, 468.2327

■ 36.2283, 39.2722,  
48.5759

■ 90.4674, 97.3039,  
116.4766

■ 24.7815, 26.9715,  
33.9199

116.3978,  
124.9723, 148.4829

■ 16.0422, 17.5519,  
22.5552

146.8625,  
157.4437, 185.8732

■ 9.6451, 10.6287,  
14.0632

182.2268,  
195.1024, 229.0660

■ 5.2247, 5.8178,  
8.0254

222.8562,  
238.3328, 278.4797

■ 2.4158, 2.7346,  
4.0232

269.1159,

■ 0.8530, 0.9948,

287.5193, 334.5331

1.6381

321.3713,  
343.0464, 397.6446

■ 0.0000, 0.0000,  
0.3178

■ 0.0000, 0.0000,  
0.0000

■ 50.7480, 54.8382,  
66.9416

■ 50.7480, 54.8382,  
66.9416

■ 44.5553, 49.1810,  
66.1769

■ 57.7504, 61.0400,  
67.7705

■ 39.1346, 44.0430,  
65.4709

■ 65.5883, 67.7973,  
68.6616

■ 34.4524, 39.4064,  
64.8227

■ 74.2927, 75.1289,  
69.6180

■ 30.4707, 35.2499,  
64.2303

■ 80.1921, 81.1440,  
70.4681

■ 27.1478, 31.5501,  
63.6913

■ 82.2837, 85.3271,  
71.1653

■ 24.4372, 28.2810,  
63.2031

■ 84.4646, 89.6890,  
71.8923

■ 22.2857, 25.4133,  
62.7630

■ 86.7360, 94.2318,  
72.6494

■ 20.6299, 22.9121,  
62.3675

■ 88.2626, 97.2851,  
73.1583

■ 19.5822, 21.1441,  
62.0815

# Harmonies

## Analogous

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



49.7438, 54.8382, 63.8423



50.7480, 54.8382, 66.9416



52.1363, 54.8382, 68.0844

# Triad

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



50.7480, 54.8382, 66.9416



54.9697, 54.8382, 59.6687



50.7238, 54.8382, 53.0556

# Complementary

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



50.7480, 54.8382, 66.9416



52.8069, 53.9044, 51.8785

# 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.



52.1078, 54.8382, 52.0512



50.7480, 54.8382, 66.9416



54.5750, 54.8382, 55.7590

# Square

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



50.7480, 54.8382, 66.9416



54.5897, 54.8382, 63.7684



53.5207, 54.8382, 53.0180



49.7300, 54.8382, 55.8265



# Rectangle

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



50.7480, 54.8382, 66.9416



53.0982, 54.8382, 67.5433



53.5207, 54.8382, 53.0180



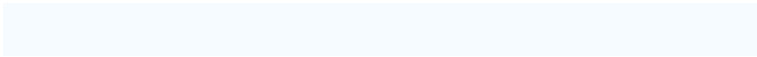
51.1580, 54.8382, 52.5061

# Sweetspot

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



50.7496, 54.8405, 66.9428



90.2365, 95.7967, 108.3424



50.9817, 58.3223, 57.7175



19.1258, 20.3387, 23.1677



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

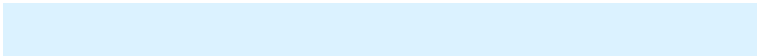


# Same Dimension

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



50.7496, 54.8405, 66.9428



79.1511, 85.9212, 107.0205



48.0613, 49.4638, 66.0467



11.7856, 12.6615, 15.0664



12.4299, 13.5065, 39.1444



0.7687, 0.9026, 2.2133



# Inverse Universe

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



52.6544, 50.7998, 60.4588



82.6997, 78.4996, 94.9171



55.5916, 59.4738, 52.8067



12.1227, 11.9338, 13.9219



18.9048, 9.4348, 14.9366

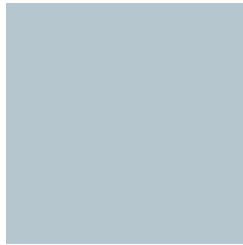


1.0942, 0.5424, 1.0311



# Previews

## White Background



This preview shows how the XYZ color 50.7480, 54.8382, 66.9416 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

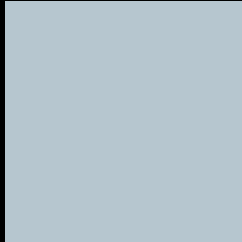
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 50.7480, 54.8382, 66.9416 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

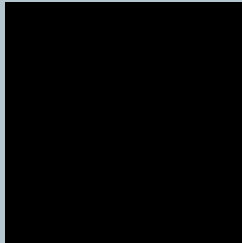
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

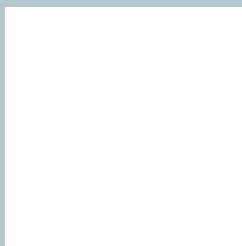
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 50.7480, 54.8382, 66.9416**

## **Background**



This preview shows how black text looks on a background with the XYZ color 50.7480, 54.8382, 66.9416.



This preview shows how white text looks on a background with the XYZ color 50.7480, 54.8382,



# 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

50.7480, 54.8382, 66.9416

### Protanopia

53.0762, 54.7271, 65.5236

### Deuteranopia

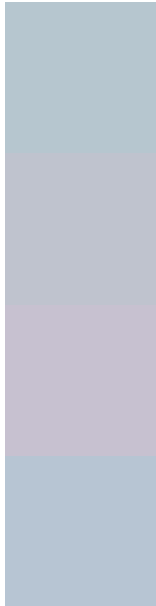
55.9345, 54.8403, 67.9588



## Tritanopia

51.5049, 54.8039, 70.8144

# Trichromacy



## Original Color

50.7480, 54.8382, 66.9416

## Protanomaly

52.1415, 54.5628, 66.1760

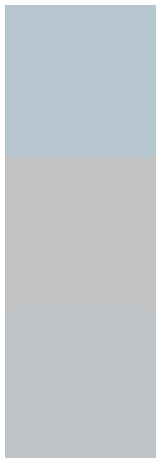
## Deuteranomaly

54.0083, 54.8361, 67.4124

## Tritanomaly

51.2526, 54.7029, 69.4854

# Monochromacy



## Original Color

50.7480, 54.8382, 66.9416

## Achromatopsia

51.2775, 53.9479, 58.7493

## Achromatomaly

51.0591, 54.1009, 61.7842

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 50.7480, 54.8382, 66.9416 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(182, 198, 207)` looks like.

```
.text, #text, p{  
    color:rgb(182, 198, 207)  
}
```

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(182, 198, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 198, 207) }
```

## Border

The CSS property to change the border of an element to XYZ 50.7480, 54.8382, 66.9416 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(182, 198, 207) }
```



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

```
.border{ border-color:rgb(182, 198, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 198, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 198, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 198, 207);  
box-shadow:4px 4px 4px 4px rgb(182, 198,  
207) }
```

# Background

The CSS property to change the background color of an element to XYZ 50.7480, 54.8382, 66.9416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 198, 207) }
```

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

```
.background{ background-color: rgb(182,  
198, 207) }
```

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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