

# Converting Colors

XYZ(52.5647, 58.5852, 67.1225)

Have a look what the booklet for  
XYZ(52.5647, 58.5852, 67.1225)  
contains.

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# Color

**XYZ(52.5033, 58.5439,  
66.9254)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6CECE
RGB	182, 206, 206
RGB Percent	71%, 81%, 81%
CMY	0.2863, 0.1921, 0.1922
CMYK	0.12, 0.00, 0.00, 0.19
HSL	180°, 20%, 76%
HSV	180°, 12%, 81%
XYZ	52.5033, 58.5439, 66.9254
YIQ	198.8240, -14.3040, -5.0880

# Conversions

## Conversions Part 2

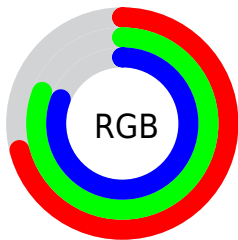
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	182, 194, 206
Decimal	11980494
CIE Lab	81.04, -8.02, -2.74
CIE LCh	81, 8.477, 198.844
Yxy	58.5439, 0.2950, 0.3289
Android (android.graphics.Color)	4290170574 (0xFFB6CECE)
YUV	198.8240, 3.5378, -14.7546
Hunter-Lab	76.5140, -11.4142, 1.6999

# Details

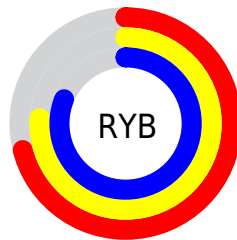
The XYZ color **52.5033, 58.5439, 66.9254** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.6272, 49.9567, 51.2329**, and the grayscale version is **54.1652, 56.9860, 62.0578**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **25.9490, 29.3906, 34.0111** is the 20% darker color. If you saturate the color by 10%, you get **47.9918, 56.2198, 66.7139**, and if you desaturate by 10%, it is **57.7339, 61.2419, 67.1730**.

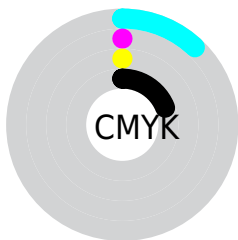
# Distribution



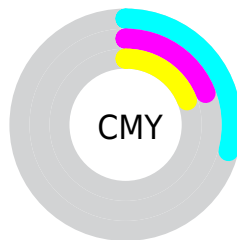
- Red (71%)
- Green (81%)
- Blue (81%)



- Red (71%)
- Yellow (76%)
- Blue (81%)



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



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5033, 58.5439, 66.9254 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 52.5033, 58.5439, 66.9254 by changing the saturation by 10% instead.



■ 52.5033, 58.5439,  
66.9254

■ 52.5033, 58.5439,  
66.9254

386.6687,  
419.2096, 468.1734

■ 37.6323, 42.2461,  
48.5628

■ 93.0429, 102.7145,  
116.4531

■ 25.8733, 29.2940,  
33.9096

119.4422,  
131.3560, 148.4554

■ 16.8611, 19.3034,  
22.5474

150.4150,  
164.8809, 185.8412

■ 10.2302, 11.8897,  
14.0575

186.3267,  
203.6736, 229.0292

■ 5.6153, 6.6686,  
8.0215

227.5425,  
248.1184, 278.4378

■ 2.6510, 3.2557,  
4.0207

274.4279,

■ 0.9720, 1.2667,

298.5997, 334.4858

1.6367

327.3482,  
355.5020, 397.5914

■ 0.0000, 0.1152,  
0.3168

■ 0.0000, 0.0000,  
0.0000

■ 52.5033, 58.5439,  
66.9254

■ 52.5033, 58.5439,  
66.9254

■ 47.9918, 56.2198,  
66.7139

■ 57.7339, 61.2419,  
67.1730

■ 44.1632, 54.2461,  
66.5331

■ 63.7077, 64.3215,  
67.4542

■ 40.9858, 52.6081,  
66.3828

■ 70.4540, 67.7993,  
67.7715

■ 38.4233, 51.2871,  
66.2613

■ 74.4543, 69.8615,  
67.9603

■ 36.4360, 50.2627,  
66.1667

■ 74.4546, 69.8616,  
67.9619

■ 34.9795, 49.5118,  
66.0969

■ 74.4550, 69.8618,  
67.9635

■ 34.0029, 49.0084,  
66.0496

■ 74.4553, 69.8619,  
67.9652

■ 33.4454, 48.7211,  
66.0219

■ 74.4556, 69.8620,  
67.9668

■ 33.2104, 48.5999,  
66.0096

■ 74.4559, 69.8621,  
67.9684

# Harmonies

## Analogous

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



52.3904, 58.5439, 61.8879



52.5033, 58.5439, 66.9254



53.4472, 58.5439, 71.3215

# Triad

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



52.5033, 58.5439, 66.9254



58.2306, 58.5439, 70.3361



56.3014, 58.5439, 54.7028

# Complementary

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



52.5033, 58.5439, 66.9254



50.6272, 49.9567, 51.2329

# 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.



57.9006, 58.5439, 56.7238



52.5033, 58.5439, 66.9254



59.0300, 58.5439, 65.6376

# Square

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



52.5033, 58.5439, 66.9254



56.7441, 58.5439, 73.3612



58.9080, 58.5439, 60.6657



54.5586, 58.5439, 55.0069



# Rectangle

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



52.5033, 58.5439, 66.9254



54.4321, 58.5439, 73.2144



58.9080, 58.5439, 60.6657



56.8743, 58.5439, 55.1283

# Sweetspot

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



52.5050, 58.5463, 66.9267



92.2912, 98.5778, 108.7701



49.9026, 57.5163, 52.7286



19.6003, 21.0204, 23.2740



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.



52.5050, 58.5463, 66.9267



83.1131, 93.8464, 108.3377



49.8146, 53.1651, 66.0317



11.5433, 12.7271, 14.4182



20.4490, 29.9249, 40.6448



1.0550, 1.5438, 2.0969



# Inverse Universe

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



50.6272, 49.9567, 51.2329



79.4762, 77.2102, 77.9423



53.1021, 54.9071, 52.0564



11.2124, 11.2137, 11.6532



15.6736, 8.0800, 0.7341

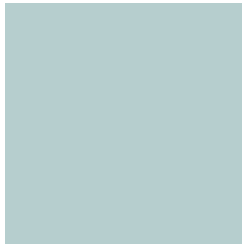


0.8086, 0.4168, 0.0380



# Previews

## White Background



This preview shows how the XYZ color 52.5033, 58.5439, 66.9254 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

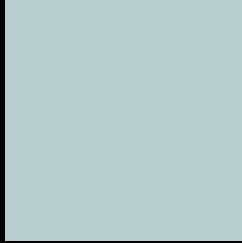
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 52.5033, 58.5439, 66.9254 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

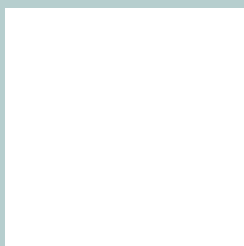
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 52.5033, 58.5439, 66.9254**

## **Background**



This preview shows how black text looks on a background with the XYZ color 52.5033, 58.5439, 66.9254.



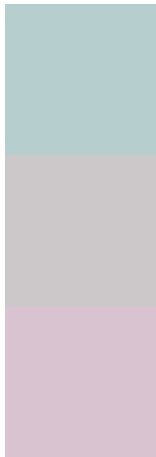
This preview shows how white text looks on a background with the XYZ color 52.5033, 58.5439,



# 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

52.5033, 58.5439, 66.9254

### Protanopia

56.2168, 58.4102, 64.1885

### Deuteranopia

59.5155, 58.3360, 67.7977



## Tritanopia

54.5187, 58.6673, 76.1606

# Trichromacy



## Original Color

52.5033, 58.5439, 66.9254

## Protanomaly

54.6650, 58.2886, 64.8696

## Deuteranomaly

56.5877, 58.1892, 67.2806

## Tritanomaly

53.8642, 58.7593, 72.7927

# Monochromacy



## Original Color

52.5033, 58.5439, 66.9254

## Achromatopsia

54.2854, 57.1125, 62.1955

## Achromatomaly

53.7735, 57.8428, 64.2077

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 52.5033, 58.5439, 66.9254 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, 206, 206)` looks like.

```
.text, #text, p{  
    color:rgb(182, 206, 206)  
}
```

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, 206, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 206, 206) }
```

## Border

The CSS property to change the border of an element to XYZ 52.5033, 58.5439, 66.9254 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, 206, 206) }
```



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

```
.border{ border-color:rgb(182, 206, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 206, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 206, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 206, 206);  
box-shadow:4px 4px 4px 4px rgb(182, 206,  
206) }
```

# Background

The CSS property to change the background color of an element to XYZ 52.5033, 58.5439, 66.9254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 206, 206) }
```

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

```
.background{ background-color: rgb(182,  
206, 206) }
```

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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