

# Converting Colors

XYZ(53.6521, 58.1449, 68.0759)

Have a look what the booklet for  
XYZ(53.6521, 58.1449, 68.0759)  
contains.

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# Color

**XYZ(53.4801, 57.9573,  
68.0427)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCCBD0
RGB	188, 203, 208
RGB Percent	74%, 80%, 82%
CMY	0.2627, 0.2039, 0.1843
CMYK	0.10, 0.02, 0.00, 0.18
HSL	195°, 18%, 78%
HSV	195°, 10%, 82%
XYZ	53.4801, 57.9573, 68.0427
YIQ	199.0850, -10.5450, -1.6250

# Conversions

## Conversions Part 2

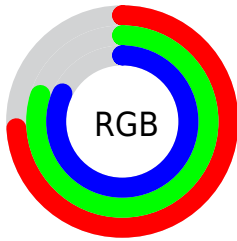
<b>Format</b>	<b>Color</b>
<b>RYB</b>	188, 197, 208
Decimal	12372944
CIELab	80.72, -4.09, -4.24
CIElCh	81, 5.893, 226.012
Yxy	57.9573, 0.2980, 0.3229
Android (android.graphics.Color)	4290563024 (0xFFBCCBD0)
YUV	199.0850, 4.3951, -9.7215
Hunter-Lab	76.1297, -7.8331, 0.2990

# Details

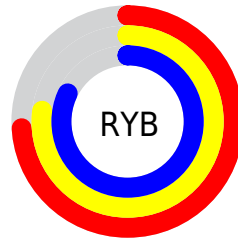
The XYZ color **53.4801, 57.9573, 68.0427** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1597, 55.1802, 55.3741**, and the grayscale version is **54.3180, 57.1468, 62.2329**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **26.5719, 28.9789, 34.7648** is the 20% darker color. If you saturate the color by 10%, you get **47.5145, 53.0919, 67.4189**, and if you desaturate by 10%, it is **60.2288, 63.2905, 68.7173**.

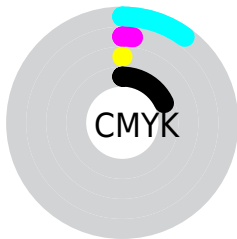
# Distribution



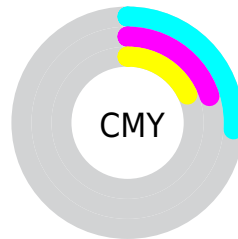
- Red (74%)
- Green (80%)
- Blue (82%)



- Red (74%)
- Yellow (77%)
- Blue (82%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (26%)
- Magenta (20%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4801, 57.9573, 68.0427 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 53.4801, 57.9573, 68.0427 by changing the saturation by 10% instead.



■ 53.4801, 57.9573,  
68.0427

■ 53.4801, 57.9573,  
68.0427

390.3551,  
417.0268, 472.2495

■ 38.4152, 41.7743,  
49.4656

■ 94.4718, 101.8607,  
118.0680

■ 26.4838, 28.9246,  
34.6207

121.1294,  
130.3499, 150.3533

■ 17.3205, 19.0238,  
23.0897

152.3818,  
163.7099, 188.0450

■ 10.5600, 11.6875,  
14.4538

188.5945,  
202.3252, 231.5617

■ 5.8369, 6.5313,  
8.2946

230.1328,  
246.5801, 281.3220

■ 2.7859, 3.1707,  
4.1936

277.3621,

■ 1.0416, 1.2215,

296.8591, 337.7444

1.7321

330.6478,  
353.5466, 401.2473

■ 0.0000, 0.0792,  
0.3826

■ 0.0000, 0.0000,  
0.0000

■ 53.4801, 57.9573,  
68.0427

■ 53.4801, 57.9573,  
68.0427

■ 47.5145, 53.0919,  
67.4189

■ 60.2288, 63.2905,  
68.7173

■ 42.2949, 48.6701,  
66.8405

■ 67.7853, 69.1004,  
69.4405

■ 37.7892, 44.6762,  
66.3071

■ 76.1798, 75.4044,  
70.2148

■ 33.9602, 41.0904,  
65.8168

■ 79.2250, 79.0135,  
70.7510

■ 30.7678, 37.8914,  
65.3676

■ 80.6415, 81.8464,  
71.2231

■ 28.1671, 35.0556,  
64.9573

■ 82.1009, 84.7653,  
71.7096

■ 26.1072, 32.5559,  
64.5833

■ 83.6038, 87.7711,  
72.2105

■ 24.5277, 30.3606,  
64.2429

■ 85.1505, 90.8644,  
72.7261

■ 23.3231, 28.4147,  
63.9308

■ 86.7413, 94.0460,  
73.2564

# Harmonies

## Analogous

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



52.8716, 57.9573, 64.9691



53.4801, 57.9573, 68.0427



54.5239, 57.9573, 69.8228

# Triad

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



53.4801, 57.9573, 68.0427



57.3847, 57.9573, 64.7367



54.4448, 57.9573, 56.8908

# Complementary

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



53.4801, 57.9573, 68.0427



54.1597, 55.1802, 55.3741

# 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.



55.6533, 57.9573, 56.8337



53.4801, 57.9573, 68.0427



57.3628, 57.9573, 61.2781

# Square

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



53.4801, 57.9573, 68.0427



56.7846, 57.9573, 67.8672



56.7251, 57.9573, 58.4134



53.4229, 57.9573, 58.5722

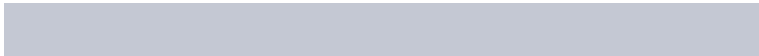


# Rectangle

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



53.4801, 57.9573, 68.0427



55.3317, 57.9573, 69.9959



56.7251, 57.9573, 58.4134



54.8424, 57.9573, 56.6831

# Sweetspot

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



53.4818, 57.9597, 68.0440



91.6846, 97.3644, 108.5687



52.8843, 59.6395, 58.9825



19.4360, 20.6917, 23.2195



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

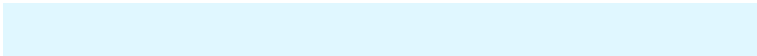


# Same Dimension

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



53.4818, 57.9597, 68.0440



82.2840, 89.8700, 107.6176



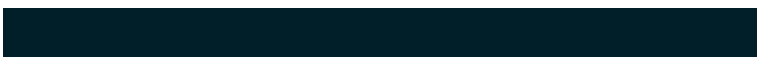
51.2688, 53.5338, 67.3063



11.8978, 12.8859, 15.1038



14.5889, 17.8244, 39.8640



0.8765, 1.1182, 2.2492



# Inverse Universe

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



54.7764, 53.6892, 63.9788



84.8466, 81.5239, 99.5468



56.3677, 59.5963, 56.1102



12.1793, 11.9565, 14.2201



19.9945, 9.8707, 20.6752

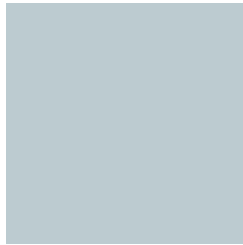


1.1487, 0.5642, 1.3176



# Previews

## White Background



This preview shows how the XYZ color 53.4801, 57.9573, 68.0427 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

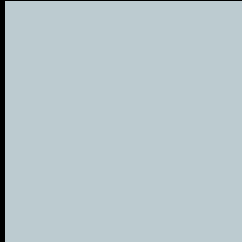
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 53.4801, 57.9573, 68.0427 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

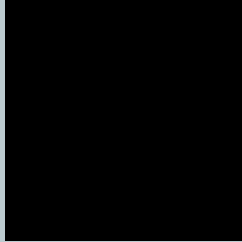
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

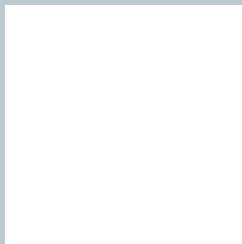
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 53.4801, 57.9573, 68.0427**

## **Background**



This preview shows how black text looks on a background with the XYZ color 53.4801, 57.9573, 68.0427.



This preview shows how white text looks on a background with the XYZ color 53.4801, 57.9573,



# 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

53.4801, 57.9573, 68.0427

### Protanopia

55.9211, 57.8596, 66.6132

### Deuteranopia

58.9490, 57.6838, 68.9999



## Tritanopia

55.0106, 58.2502, 74.6737

# Trichromacy



## Original Color

53.4801, 57.9573, 68.0427

## Protanomaly

54.9427, 57.6839, 67.2698

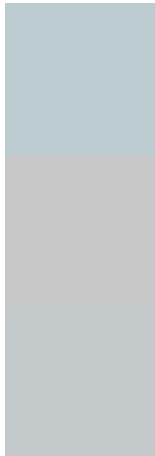
## Deuteranomaly

56.6517, 57.5151, 68.4373

## Tritanomaly

54.2444, 57.9149, 71.9380

# Monochromacy



## Original Color

53.4801, 57.9573, 68.0427

## Achromatopsia

54.2854, 57.1125, 62.1955

## Achromatomaly

53.8206, 57.1749, 64.0763

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.4801, 57.9573, 68.0427 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(188, 203, 208)` looks like.

```
.text, #text, p{  
    color:rgb(188, 203, 208)  
}
```

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(188, 203, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 203, 208) }
```

## Border

The CSS property to change the border of an element to XYZ 53.4801, 57.9573, 68.0427 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(188, 203, 208) }
```



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

```
.border{ border-color:rgb(188, 203, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 203, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 203, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 203, 208);  
box-shadow:4px 4px 4px 4px rgb(188, 203,  
208) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.4801, 57.9573, 68.0427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 203, 208) }
```

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

```
.background{ background-color: rgb(188,  
203, 208) }
```

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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