

# Converting Colors

XYZ(50.0211, 50.0673, 57.6130)

Have a look what the booklet for  
XYZ(50.0211, 50.0673, 57.6130)  
contains.

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# Color

**XYZ(50.0548, 50.1370,  
57.4913)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6B8C1
RGB	198, 184, 193
RGB Percent	78%, 72%, 76%
CMY	0.2235, 0.2784, 0.2431
CMYK	0.00, 0.07, 0.03, 0.22
HSL	321°, 11%, 75%
HSV	321°, 7%, 78%
XYZ	50.0548, 50.1370, 57.4913
YIQ	189.2120, 5.4550, 5.7670

# Conversions

## Conversions Part 2

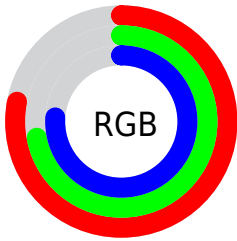
Format	Color
R <sub>Y</sub> B	198, 184, 193
Decimal	13023425
CIE Lab	76.15, 6.56, -2.77
CIE LCh	76, 7.121, 337.147
Yxy	50.1370, 0.3174, 0.3180
Android (android.graphics.Color)	4291213505 (0xFFC6B8C1)
YUV	189.2120, 1.8675, 7.7071
Hunter-Lab	70.8075, 2.2710, 1.4254

# Details

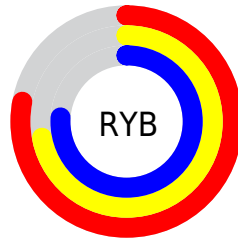
The XYZ color **50.0548, 50.1370, 57.4913** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.1484, 54.2539, 56.0284**, and the grayscale version is **48.4797, 51.0045, 55.5439**.

A 20% lighter version of the original color is **89.4990, 90.4197, 102.3582**, and **24.3515, 24.0553, 28.1706** is the 20% darker color. If you saturate the color by 10%, you get **45.4564, 42.1723, 52.1586**, and if you desaturate by 10%, it is **55.2695, 59.2725, 63.2169**.

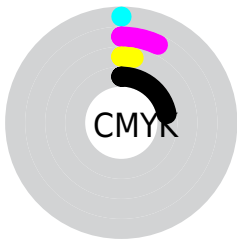
# Distribution



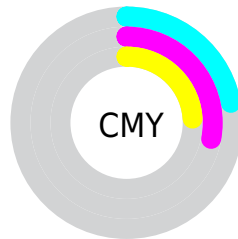
- Red (78%)
- Green (72%)
- Blue (76%)



- Red (78%)
- Yellow (72%)
- Blue (76%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (22%)



- Cyan (22%)
- Magenta (28%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0548, 50.1370, 57.4913 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 50.0548, 50.1370, 57.4913 by changing the saturation by 10% instead.



■ 50.0548, 50.1370,  
57.4913

■ 50.0548, 50.1370,  
57.4913

377.3287,  
387.2015, 432.8329

■ 35.6749, 35.5223,  
40.9878

■ 89.4474, 90.3778,  
102.6891

■ 24.3522, 24.0655,  
27.9899

115.1908,  
116.7727, 132.2206

■ 15.7212, 15.3822,  
18.0791

145.4528,  
147.8631, 166.9318

■ 9.4167, 9.0881,  
10.8368

180.5987,  
184.0334, 207.2413

■ 5.0732, 4.7987,  
5.8444

220.9939,  
225.6680, 253.5676

■ 2.3255, 2.1296,  
2.6834

267.0037,

■ 0.8077, 0.6812,

273.1513, 306.3293

0.9351

318.9935,  
326.8676, 365.9449

■ 0.0000, 0.0000,  
0.0000

■ 50.0548, 50.1370,  
57.4913

■ 50.0548, 50.1370,  
57.4913

■ 45.4564, 42.1723,  
52.1586

■ 55.2695, 59.2725,  
63.2169

■ 41.4457, 35.3240,  
47.2048

■ 61.1191, 69.6173,  
69.3422

■ 37.9981, 29.5434,  
42.6198

■ 67.6267, 81.2161,  
75.8780

■ 35.0857, 24.7753,  
38.3915

■ 72.1393, 88.7620,  
81.9425

■ 32.6781, 20.9597,  
34.5070

■ 73.1035, 89.1477,  
87.0202

■ 30.7415, 18.0302,  
30.9523

■ 74.1080, 89.5495,  
92.3096

■ 29.2380, 15.9117,  
27.7118

■ 75.1531, 89.9676,  
97.8132

■ 28.1233, 14.5167,  
24.7679

■ 76.2394, 90.4021,  
103.5334

■ 27.3373, 13.7260,  
22.0974

■ 77.0990, 90.7459,  
108.0599

# Harmonies

## Analogous

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



49.2183, 50.1370, 60.6531



50.0548, 50.1370, 57.4913



50.2423, 50.1370, 53.6825

# Triad

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



50.0548, 50.1370, 57.4913



47.3355, 50.1370, 47.6265



45.6398, 50.1370, 59.1443

# Complementary

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



50.0548, 50.1370, 57.4913



49.1484, 54.2539, 56.0284

# 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.



45.1556, 50.1370, 55.5091



50.0548, 50.1370, 57.4913



46.1227, 50.1370, 48.9463

# Square

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



50.0548, 50.1370, 57.4913



48.6561, 50.1370, 48.1020



45.3307, 50.1370, 51.7893



46.6652, 50.1370, 61.6381



# Rectangle

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



50.0548, 50.1370, 57.4913



49.9710, 50.1370, 51.3095



45.3307, 50.1370, 51.7893



45.4092, 50.1370, 58.0089

# Sweetspot

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



50.0562, 50.1392, 57.4924



93.1526, 96.6723, 106.8273



48.2970, 49.1667, 60.3713



19.9584, 20.7267, 22.8873



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.



50.0562, 50.1392, 57.4924



87.7326, 87.2074, 100.7821



49.3045, 49.8385, 53.5336



10.9160, 10.7498, 12.5412



17.6900, 8.8255, 14.1091



0.8713, 0.4313, 0.8452



# Inverse Universe

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



50.0562, 50.1392, 57.4924



87.7326, 87.2074, 100.7821



49.9152, 54.5606, 60.0663



10.9160, 10.7498, 12.5412



17.6900, 8.8255, 14.1091

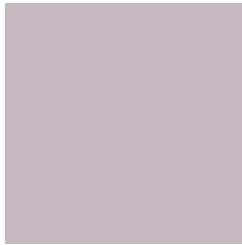


0.8713, 0.4313, 0.8452



# Previews

## White Background



This preview shows how the XYZ color 50.0548, 50.1370, 57.4913 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 50.0548, 50.1370, 57.4913 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

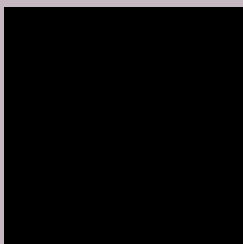
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

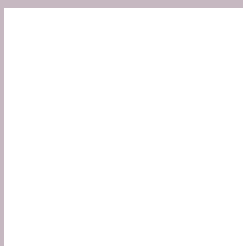
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 50.0548, 50.1370, 57.4913**

## **Background**



This preview shows how black text looks on a background with the XYZ color 50.0548, 50.1370, 57.4913.



This preview shows how white text looks on a background with the XYZ color 50.0548, 50.1370,



# 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

50.0548, 50.1370, 57.4913

### Protanopia

48.6069, 50.2996, 58.7767

### Deuteranopia

50.9822, 50.0027, 57.4165



## Tritanopia

50.6797, 50.0863, 60.4226

# Trichromacy



## Original Color

50.0548, 50.1370, 57.4913

## Protanomaly

49.0347, 50.2193, 58.1478

## Deuteranomaly

50.6465, 50.1347, 57.4597

## Tritanomaly

50.4505, 49.9946, 59.2155

# Monochromacy



## Original Color

50.0548, 50.1370, 57.4913

## Achromatopsia

48.3692, 50.8881, 55.4172

## Achromatomaly

48.8028, 50.4648, 55.8837

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 50.0548, 50.1370, 57.4913 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(198, 184, 193)` looks like.

```
.text, #text, p{  
    color:rgb(198, 184, 193)  
}
```

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(198, 184, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 184, 193) }
```

## Border

The CSS property to change the border of an element to XYZ 50.0548, 50.1370, 57.4913 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(198, 184, 193) }
```



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

```
.border{ border-color:rgb(198, 184, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 184, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 184, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 184, 193);  
box-shadow:4px 4px 4px 4px rgb(198, 184,  
193) }
```

# Background

The CSS property to change the background color of an element to XYZ 50.0548, 50.1370, 57.4913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 184, 193) }
```

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

```
.background{ background-color: rgb(198,  
184, 193) }
```

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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