

# Converting Colors

XYZ(51.6867, 52.0872, 60.1388)

Have a look what the booklet for  
XYZ(51.6867, 52.0872, 60.1388)  
contains.

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# Color

**XYZ(51.8807, 52.2770,  
60.1794)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C8BCC5
RGB	200, 188, 197
RGB Percent	78%, 74%, 77%
CMY	0.2157, 0.2627, 0.2274
CMYK	0.00, 0.06, 0.02, 0.22
HSL	315°, 10%, 76%
HSV	315°, 6%, 78%
XYZ	51.8807, 52.2770, 60.1794
YIQ	192.6140, 4.2630, 5.3430

# Conversions

## Conversions Part 2

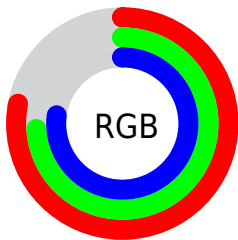
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 188, 197
Decimal	13155525
CIE Lab	77.45, 5.84, -3.02
CIE LCh	77, 6.574, 332.676
Yxy	52.2770, 0.3157, 0.3181
Android (android.graphics.Color)	4291345605 (0xFFC8BCC5)
YUV	192.6140, 2.1623, 6.4775
Hunter-Lab	72.3028, 1.5522, 1.2635

# Details

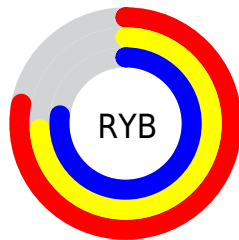
The XYZ color **51.8807, 52.2770, 60.1794** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7993, 55.7630, 57.3789**, and the grayscale version is **50.4493, 53.0766, 57.8004**.

A 20% lighter version of the original color is **91.4801, 93.1171, 106.9178**, and **25.4760, 25.4221, 29.5508** is the 20% darker color. If you saturate the color by 10%, you get **47.3377, 44.0922, 55.8847**, and if you desaturate by 10%, it is **57.0378, 61.6580, 64.7739**.

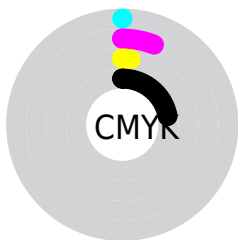
# Distribution



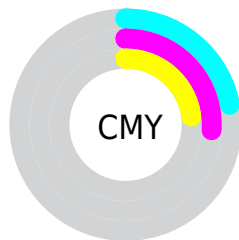
- Red (78%)
- Green (74%)
- Blue (77%)



- Red (78%)
- Yellow (74%)
- Blue (77%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (22%)



- Cyan (22%)
- Magenta (26%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8807, 52.2770, 60.1794 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 51.8807, 52.2770, 60.1794 by changing the saturation by 10% instead.



■ 51.8807, 52.2770,  
60.1794

■ 51.8807, 52.2770,  
60.1794

384.3074,  
395.5051, 443.0817

■ 37.1339, 37.2259,  
43.1370

■ 92.1305, 93.5396,  
106.6358

■ 25.4853, 25.3825,  
29.6604

118.3643,  
120.5200, 136.8869

■ 16.5697, 16.3622,  
19.3311

149.1577,  
152.2455, 172.3779

■ 10.0215, 9.7808,  
11.7306

184.8761,  
189.1006, 213.5275

■ 5.4756, 5.2539,  
6.4402

225.8850,  
231.4698, 260.7541

■ 2.5665, 2.3970,  
3.0415

272.5496,

■ 0.9289, 0.8243,

279.7373, 314.4763

1.1158

325.2352,  
334.2876, 375.1127

■ 0.0000, 0.0000,  
0.0000

■ 51.8807, 52.2770,  
60.1794

■ 51.8807, 52.2770,  
60.1794

■ 47.3377, 44.0922,  
55.8847

■ 57.0378, 61.6580,  
64.7739

■ 43.3798, 37.0485,  
51.8774

■ 62.8276, 72.2743,  
69.6732

■ 39.9827, 31.0963,  
48.1491

■ 69.2732, 84.1712,  
74.8868

■ 37.1181, 26.1797,  
44.6893

■ 72.1051, 88.8097,  
78.9923

■ 34.7556, 22.2380,  
41.4871

■ 72.7658, 89.0740,  
82.4714

■ 32.8615, 19.2040,  
38.5302

■ 73.4464, 89.3462,  
86.0551

■ 31.3976, 17.0021,  
35.8049

■ 74.1470, 89.6264,  
89.7445

■ 30.3200, 15.5442,  
33.2957

■ 74.8678, 89.9148,  
93.5404

■ 29.5731, 14.7199,  
30.9830

■ 75.6091, 90.2113,  
97.4437

# Harmonies

## Analogous

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



51.0128, 52.2770, 62.9895



51.8807, 52.2770, 60.1794



52.1578, 52.2770, 56.5961

# Triad

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



51.8807, 52.2770, 60.1794



49.5742, 52.2770, 50.2404



47.6678, 52.2770, 60.7661

# Complementary

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



51.8807, 52.2770, 60.1794



50.7993, 55.7630, 57.3789

# 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.



47.2968, 52.2770, 57.2467



51.8807, 52.2770, 60.1794



48.3857, 52.2770, 51.2549

# Square

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



51.8807, 52.2770, 60.1794



50.8129, 52.2770, 50.9521



47.5574, 52.2770, 53.7819



48.5793, 52.2770, 63.3382



# Rectangle

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



51.8807, 52.2770, 60.1794



51.9666, 52.2770, 54.2766



47.5574, 52.2770, 53.7819



47.4765, 52.2770, 59.6495

# Sweetspot

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



51.8822, 52.2793, 60.1805



93.2399, 96.7072, 107.2870



49.8965, 51.2155, 61.9002



19.9761, 20.7338, 22.9808



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.



51.8822, 52.2793, 60.1805



88.9072, 88.8511, 103.3480



51.2084, 52.0097, 56.6323



11.1576, 11.1167, 12.9798



18.6822, 9.2224, 19.3340



0.9123, 0.4478, 1.0615



# Inverse Universe

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



51.8822, 52.2793, 60.1805



88.9072, 88.8511, 103.3480



51.4731, 56.0325, 60.9271



11.1576, 11.1167, 12.9798



18.6822, 9.2224, 19.3340

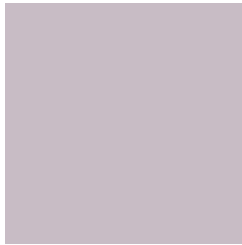


0.9123, 0.4478, 1.0615



# Previews

## White Background



This preview shows how the XYZ color 51.8807, 52.2770, 60.1794 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 51.8807, 52.2770, 60.1794 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

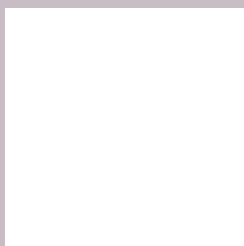
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 51.8807, 52.2770, 60.1794

## Background



This preview shows how black text looks on a background with the XYZ color 51.8807, 52.2770, 60.1794.



This preview shows how white text looks on a background with the XYZ color 51.8807, 52.2770,



# 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

51.8807, 52.2770, 60.1794

### Protanopia

50.5988, 52.2416, 60.8429

### Deuteranopia

53.3691, 52.4144, 60.1275



## **Tritanopia**

52.5184, 52.2224, 63.1890

# Trichromacy



## Original Color

51.8807, 52.2770, 60.1794

## Protanomaly

51.1556, 52.2082, 60.8071

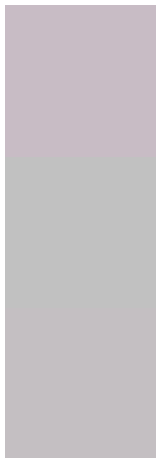
## Deuteranomaly

52.7502, 52.4092, 60.1591

## Tritanomaly

52.2830, 52.1283, 61.9497

# Monochromacy



## Original Color

51.8807, 52.2770, 60.1794

## Achromatopsia

50.6879, 53.3276, 58.0738

## Achromatomaly

51.1334, 52.8924, 58.5532

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 51.8807, 52.2770, 60.1794 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(200, 188, 197) looks like.

```
.text, #text, p{  
    color:rgb(200, 188, 197)  
}
```

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(200, 188, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 188, 197) }
```

## Border

The CSS property to change the border of an element to XYZ 51.8807, 52.2770, 60.1794 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(200, 188, 197) }
```



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

```
.border{ border-color:rgb(200, 188, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 188, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 188, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 188, 197);  
box-shadow:4px 4px 4px 4px rgb(200, 188,  
197) }
```

# Background

The CSS property to change the background color of an element to XYZ 51.8807, 52.2770, 60.1794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 188, 197) }
```

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

```
.background{ background-color: rgb(200,  
188, 197) }
```

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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