

Converting Colors

XYZ(50.1050, 58.0421, 52.8383)

Have a look what the booklet for
XYZ(50.1050, 58.0421, 52.8383)
contains.

XYZ(50.0477, 57.9481, 52.8033)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.0477, 57.9481,
52.8033)**

Conversions

Conversions Part 1

Format	Color
Hex	B6CFB6
RGB	182, 207, 182
RGB Percent	71%, 81%, 71%
CMY	0.2863, 0.1882, 0.2863
CMYK	0.12, 0.00, 0.12, 0.19
HSL	120°, 21%, 76%
HSV	120°, 12%, 81%
XYZ	50.0477, 57.9481, 52.8033
YIQ	196.6750, -6.8750, -13.0750

Conversions

Conversions Part 2

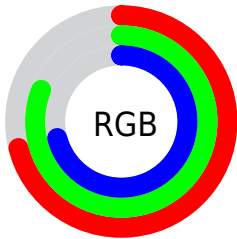
Format	Color
RYB	182, 207, 207
Decimal	11980726
CIELab	80.71, -13.10, 9.61
CIELCh	81, 16.245, 143.733
Yxy	57.9481, 0.3112, 0.3604
Android (android.graphics.Color)	4290170806 (0xFFB6CFB6)
YUV	196.6750, -7.2348, -12.8700
Hunter-Lab	76.1236, -15.8611, 12.1599

Details

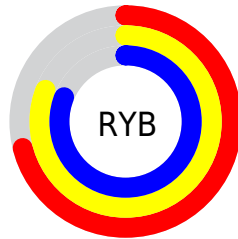
The XYZ color **50.0477, 57.9481, 52.8033** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.7246, 51.2276, 66.0904**, and the grayscale version is **52.9214, 55.6775, 60.6328**.

A 20% lighter version of the original color is **86.4525, 95.8702, 94.8372**, and **24.4069, 29.0346, 25.0867** is the 20% darker color. If you saturate the color by 10%, you get **43.5322, 54.8201, 42.1448**, and if you desaturate by 10%, it is **57.6053, 61.5801, 65.1637**.

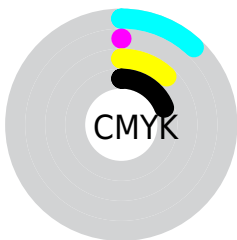
Distribution



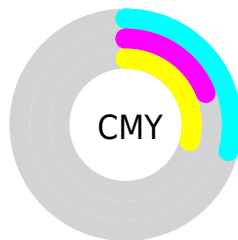
- Red (71%)
- Green (81%)
- Blue (71%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0477, 57.9481, 52.8033 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 50.0477, 57.9481, 52.8033 by changing the saturation by 10% instead.


 50.0477, 57.9481,
52.8033

 50.0477, 57.9481,
52.8033


377.3014,
416.9925, 414.5749

 35.6693, 41.7669,
37.2591


 89.4369, 101.8473,
95.7535

 24.3478, 28.9188,
25.1108

115.1785,
130.3341, 123.9966

 15.7179, 19.0194,
15.9399


145.4384,
163.6915, 157.3097

 9.4144, 11.6843,
9.3277

180.5820,
202.3040, 196.1114

 5.0717, 6.5291,
4.8558

220.9748,
246.5560, 240.8202

 2.3246, 3.1694,
2.1057

266.9820,

 0.8072, 1.2208,

296.8318, 291.8547

0.6191

318.9691,
353.5158, 349.6334

■ 0.0000, 0.0786,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.0477, 57.9481,
52.8033

■ 50.0477, 57.9481,
52.8033

■ 43.5322, 54.8201,
42.1448

■ 57.6053, 61.5801,
65.1637

■ 38.0087, 52.1669,
33.1101

■ 66.2429, 65.7292,
79.2920

■ 33.4300, 49.9675,
25.6207

■ 76.0023, 70.4172,
95.2551

■ 29.7431, 48.1965,
19.5902

■ 81.6039, 73.1079,
104.4180

■ 26.8901, 46.8260,
14.9234

■ 24.8058, 45.8249,
11.5142

■ 23.4159, 45.1572,
9.2407

■ 22.6310, 44.7802,
7.9568

■ 22.3140, 44.6279,
7.4381

Harmonies

Analogous

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



52.5268, 57.9481, 47.6748



50.0477, 57.9481, 52.8033



48.9220, 57.9481, 61.1038

Triad

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



50.0477, 57.9481, 52.8033



54.3780, 57.9481, 83.2591



61.1853, 57.9481, 55.9608

Complementary

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



50.0477, 57.9481, 52.8033



53.7246, 51.2276, 66.0904

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.



61.7297, 57.9481, 65.1303



50.0477, 57.9481, 52.8033



57.7103, 57.9481, 81.5277

Square

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



50.0477, 57.9481, 52.8033



51.3560, 57.9481, 79.1626



60.4344, 57.9481, 74.6454



58.9755, 57.9481, 49.3645

Rectangle

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



50.0477, 57.9481, 52.8033



49.0567, 57.9481, 67.5754



60.4344, 57.9481, 74.6454



61.5728, 57.9481, 58.8183

Sweetspot

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



50.0493, 57.9506, 52.8046



89.7974, 97.4769, 100.3085



56.4910, 61.2714, 53.1058



19.0157, 20.7658, 21.1354



0.0000, 0.0000, 0.0000



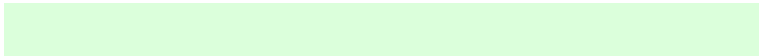
20.3446, 21.4041, 23.3091

Same Dimension

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



50.0493, 57.9506, 52.8046



77.8896, 91.7570, 80.8313



51.3998, 58.4908, 59.9163



11.6564, 13.2063, 12.5468



14.0581, 28.1162, 4.6861



0.7860, 1.5721, 0.2620

Inverse Universe

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



53.7246, 51.2276, 66.0904



84.6997, 79.2997, 105.4493



52.2558, 50.6401, 58.3559



12.3109, 12.0091, 14.9127



23.3079, 11.1960, 38.1233



1.3032, 0.6260, 2.1316

Previews

White Background



This preview shows how the XYZ color 50.0477, 57.9481, 52.8033 looks on a white background.

Color Contrast Check

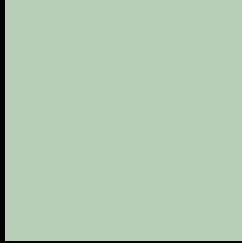
Large Text (above 18pt) WCAG AA × Fail

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 50.0477, 57.9481, 52.8033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

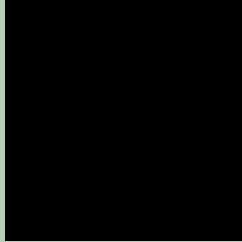
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

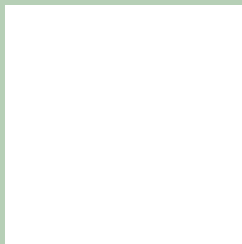
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.0477, 57.9481, 52.8033

Background



This preview shows how black text looks on a background with the XYZ color 50.0477, 57.9481, 52.8033.



This preview shows how white text looks on a background with the XYZ color 50.0477, 57.9481,

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

50.0477, 57.9481, 52.8033

Protanopia

54.7538, 57.6165, 50.3547

Deuteranopia

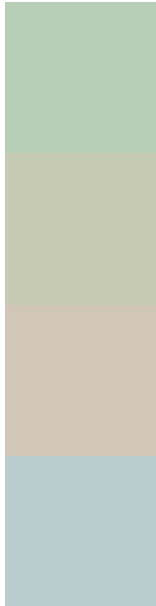
58.8783, 57.6503, 53.9233



Tritanopia

54.5145, 57.9944, 74.6505

Trichromacy



Original Color

50.0477, 57.9481, 52.8033

Protanomaly

52.8104, 57.6378, 50.9896

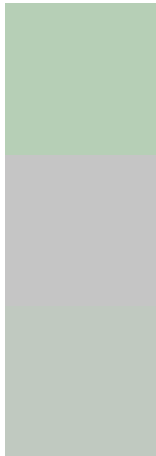
Deuteranomaly

55.1403, 57.4042, 53.5213

Tritanomaly

52.8620, 58.0326, 66.1729

Monochromacy



Original Color

50.0477, 57.9481, 52.8033

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.1393, 56.7855, 58.0818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0477, 57.9481, 52.8033 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, 207, 182)` looks like.

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

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, 207, 182) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 50.0477, 57.9481, 52.8033 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, 207, 182) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 50.0477, 57.9481, 52.8033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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