

Converting Colors

XYZ(48.6754, 57.1084, 51.4061)

Have a look what the booklet for
XYZ(48.6754, 57.1084, 51.4061)
contains.

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Color

**XYZ(48.9111, 57.3859,
51.6787)**

Conversions

Conversions Part 1

Format	Color
Hex	B2CFB4
RGB	178, 207, 180
RGB Percent	70%, 81%, 71%
CMY	0.3020, 0.1882, 0.2941
CMYK	0.14, 0.00, 0.13, 0.19
HSL	124°, 23%, 75%
HSV	124°, 14%, 81%
XYZ	48.9111, 57.3859, 51.6787
YIQ	195.2510, -8.6170, -14.5450

Conversions

Conversions Part 2

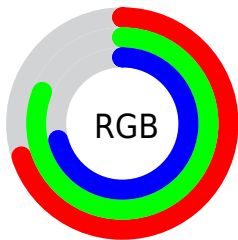
Format	Color
RYB	178, 205, 207
Decimal	11718580
CIELab	80.40, -14.82, 10.19
CIELCh	80, 17.991, 145.491
Yxy	57.3859, 0.3096, 0.3633
Android (android.graphics.Color)	4289908660 (0xFFB2CFB4)
YUV	195.2510, -7.5187, -15.1291
Hunter-Lab	75.7535, -17.3180, 12.5801

Details

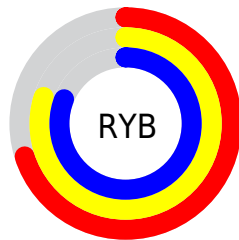
The XYZ color **48.9111, 57.3859, 51.6787** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **52.6740, 49.5152, 64.5414**, and the grayscale version is **52.0698, 54.7815, 59.6570**.

A 20% lighter version of the original color is **84.8320, 95.0686, 93.2358**, and **23.6794, 28.6747, 24.3654** is the 20% darker color. If you saturate the color by 10%, you get **42.6864, 54.3899, 41.8415**, and if you desaturate by 10%, it is **56.1287, 60.8655, 62.9898**.

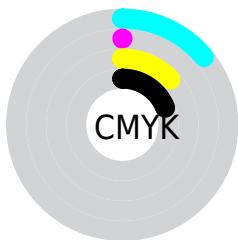
Distribution



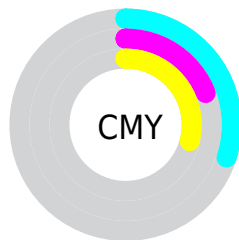
- Red (70%)
- Green (81%)
- Blue (71%)



- Red (70%)
- Yellow (80%)
- Blue (81%)



- Cyan (14%)
- Magenta (0%)
- Yellow (13%)
- Black (19%)



- Cyan (30%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.9111, 57.3859, 51.6787 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 48.9111, 57.3859, 51.6787 by changing the saturation by 10% instead.

■ 48.9111, 57.3859,
51.6787

■ 48.9111, 57.3859,
51.6787

372.9150,
414.8938, 410.1165

■ 34.7632, 41.3151,
36.3686

■ 87.7609, 101.0280,
94.0790

■ 23.6462, 28.5654,
24.4270

113.1936,
129.3682, 122.0062

■ 15.1947, 18.7523,
15.4356

143.1185,
162.5670, 154.9762

■ 9.0433, 11.4914,
8.9756

177.9011,
201.0088, 193.4075

■ 4.8268, 6.3984,
4.6287

217.9067,
245.0780, 237.7186

■ 2.1797, 3.0888,
1.9762

263.5006,

■ 0.7320, 1.1783,

295.1589, 288.3281

0.5406

315.0483,
351.6360, 345.6546

■ 0.0000, 0.0439,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.9111, 57.3859,
51.6787

■ 48.9111, 57.3859,
51.6787

■ 42.6864, 54.3899,
41.8415

■ 56.1287, 60.8655,
62.9898

■ 37.4068, 51.8492,
33.4141

■ 64.3750, 64.8410,
75.8281

■ 33.0273, 49.7437,
26.3329

■ 73.6900, 69.3335,
90.2488

■ 29.4977, 48.0490,
20.5283

■ 81.6039, 73.1079,
104.4180

■ 26.7626, 46.7381,
15.9243

■ 24.7603, 45.7809,
12.4369

■ 23.4197, 45.1430,
9.9712

■ 22.6556, 44.7827,
8.4167

■ 22.3951, 44.6604,
7.8654

Harmonies

Analogous

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



51.5508, 57.3859, 45.8993



48.9111, 57.3859, 51.6787



47.7810, 57.3859, 60.9020

Triad

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



48.9111, 57.3859, 51.6787



53.9885, 57.3859, 84.9729



61.1920, 57.3859, 54.1513

Complementary

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



48.9111, 57.3859, 51.6787



52.6740, 49.5152, 64.5414

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.



61.9159, 57.3859, 64.0921



48.9111, 57.3859, 51.6787



57.6500, 57.3859, 82.6468

Square

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



48.9111, 57.3859, 51.6787



50.6274, 57.3859, 80.7398



60.5927, 57.3859, 74.6982



58.6567, 57.3859, 47.2101

Rectangle

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



48.9111, 57.3859, 51.6787



47.9969, 57.3859, 68.0613



60.5927, 57.3859, 74.6982



61.6600, 57.3859, 57.2191

Sweetspot

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



48.9127, 57.3883, 51.6800



89.9049, 97.5199, 100.8745



55.5464, 60.8315, 50.9341



19.0427, 20.7766, 21.2779



0.0000, 0.0000, 0.0000



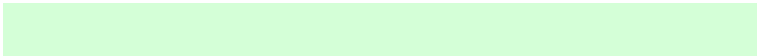
20.3446, 21.4041, 23.3091

Same Dimension

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



48.9127, 57.3883, 51.6800



75.0301, 90.3529, 77.5331



50.4610, 58.0077, 59.8333



11.6889, 13.2193, 12.7182



14.1221, 28.1418, 5.0230



0.8015, 1.5782, 0.3432

Inverse Universe

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



52.6740, 49.5152, 64.5414



82.2683, 75.2011, 102.2829



51.0106, 48.8499, 55.7825



12.2741, 11.9944, 14.7194



22.2719, 10.7816, 32.6675



1.2561, 0.6072, 1.8835

Previews

White Background



This preview shows how the XYZ color 48.9111, 57.3859, 51.6787 looks on a white background.

Color Contrast Check

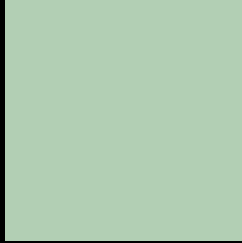
Large Text (above 18pt) WCAG AA × Fail

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 48.9111, 57.3859, 51.6787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

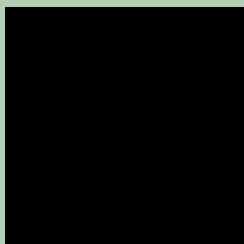
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

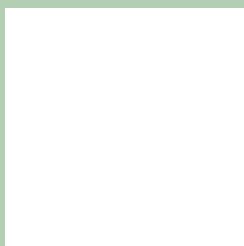
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.9111, 57.3859, 51.6787

Background



This preview shows how black text looks on a background with the XYZ color 48.9111, 57.3859, 51.6787.



This preview shows how white text looks on a background with the XYZ color 48.9111, 57.3859, 51.6787.

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

48.9111, 57.3859, 51.6787

Protanopia

54.0430, 56.9327, 49.2150

Deuteranopia

58.1374, 56.9655, 52.7310



Tritanopia

53.5426, 57.4934, 74.6050

Trichromacy



Original Color

48.9111, 57.3859, 51.6787

Protanomaly

51.8484, 56.8179, 49.8292

Deuteranomaly

54.1419, 56.5753, 52.3225

Tritanomaly

51.7834, 57.4904, 65.4942

Monochromacy



Original Color

48.9111, 57.3859, 51.6787

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.7040, 55.3834, 56.7329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9111, 57.3859, 51.6787 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(178, 207, 180)` looks like.

```
.text, #text, p{  
    color:rgb(178, 207, 180)  
}
```

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(178, 207, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 207, 180) }
```

Border

The CSS property to change the border of an element to XYZ 48.9111, 57.3859, 51.6787 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(178, 207, 180) }
```


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

```
.border{ border-color:rgb(178, 207, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 207, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 207, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 207, 180);  
box-shadow:4px 4px 4px 4px rgb(178, 207,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9111, 57.3859, 51.6787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 207, 180) }
```

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

```
.background{ background-color: rgb(178,  
207, 180) }
```

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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