

Converting Colors

XYZ(48.4108, 57.1858, 49.0439)

Have a look what the booklet for
XYZ(48.4108, 57.1858, 49.0439)
contains.

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Color

**XYZ(48.4108, 57.1858,
49.0439)**

Conversions

Conversions Part 1

Format	Color
Hex	B2CFAF
RGB	178, 207, 175
RGB Percent	70%, 81%, 69%
CMY	0.3020, 0.1882, 0.3137
CMYK	0.14, 0.00, 0.15, 0.19
HSL	114°, 25%, 75%
HSV	114°, 15%, 81%
XYZ	48.4108, 57.1858, 49.0439
YIQ	194.6810, -7.0120, -16.1000

Conversions

Conversions Part 2

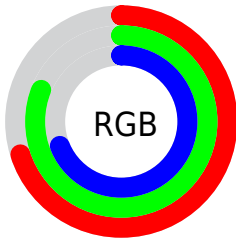
Format	Color
RYB	175, 207, 204
Decimal	11718575
CIELab	80.28, -15.71, 12.70
CIELCh	80, 20.201, 141.060
Yxy	57.1858, 0.3131, 0.3698
Android (android.graphics.Color)	4289908655 (0xFFB2CF AF)
YUV	194.6810, -9.7027, -14.6292
Hunter-Lab	75.6213, -18.0662, 14.4826

Details

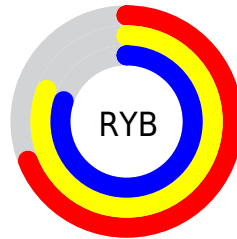
The XYZ color **48.4108, 57.1858, 49.0439** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **51.4967, 48.0040, 65.5860**, and the grayscale version is **51.7421, 54.4368, 59.2816**.

A 20% lighter version of the original color is **84.1155, 94.7819, 89.4627**, and **23.4238, 28.5725, 23.0194** is the 20% darker color. If you saturate the color by 10%, you get **42.5177, 54.3666, 38.9565**, and if you desaturate by 10%, it is **55.2074, 60.4380, 60.8030**.

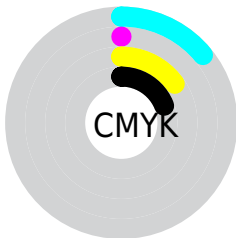
Distribution



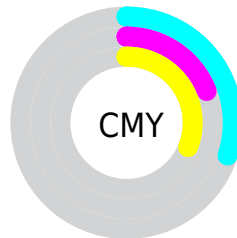
- Red (70%)
- Green (81%)
- Blue (69%)



- Red (69%)
- Yellow (81%)
- Blue (80%)



- Cyan (14%)
- Magenta (0%)
- Yellow (15%)
- Black (19%)



- Cyan (30%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4108, 57.1858, 49.0439 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 48.4108, 57.1858, 49.0439 by changing the saturation by 10% instead.

■ 48.4108, 57.1858,
49.0439

■ 48.4108, 57.1858,
49.0439

370.9737,
414.1452, 399.5426

■ 34.3649, 41.1544,
34.2885

■ 87.0217, 100.7362,
90.1383

■ 23.3383, 28.4398,
22.8361

112.3175,
129.0241, 117.3144

■ 14.9656, 18.6574,
14.2684

142.0939,
162.1663, 149.4677

■ 8.8814, 11.4230,
8.1667

176.7164,
200.5471, 187.0169

■ 4.7204, 6.3521,
4.1125

216.5503,
244.5510, 230.3804

■ 2.1172, 3.0603,
1.6873

261.9608,

■ 0.6985, 1.1633,

294.5624, 279.9768

0.3520

313.3135,
350.9656, 336.2247

■ 0.0000, 0.0314,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.4108, 57.1858,
49.0439

■ 48.4108, 57.1858,
49.0439

■ 42.5177, 54.3666,
38.9565

■ 55.2074, 60.4380,
60.8030

■ 37.4856, 51.9553,
30.4612

■ 62.9386, 64.1328,
74.3007

■ 33.2754, 49.9351,
23.4780

■ 71.6395, 68.2886,
89.6050

■ 29.8434, 48.2853,
17.9182

■ 80.8875, 72.7386,
104.3845

■ 27.1414, 46.9833,
13.6838

■ 81.6040, 73.1079,
104.4180

■ 25.1162, 46.0040,
10.6647

■ 23.7071, 45.3189,
8.7328

■ 22.8421, 44.8942,
7.7314

■ 22.5904, 44.7704,
7.4509

Harmonies

Analogous

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



51.5509, 57.1858, 43.3708



48.4108, 57.1858, 49.0439



46.8838, 57.1858, 58.7995

Triad

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



48.4108, 57.1858, 49.0439



53.1293, 57.1858, 87.5276



62.1017, 57.1858, 54.4495

Complementary

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



48.4108, 57.1858, 49.0439



51.4967, 48.0040, 65.5860

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.



62.5769, 57.1858, 65.8653



48.4108, 57.1858, 49.0439



57.2556, 57.1858, 85.9782

Square

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



48.4108, 57.1858, 49.0439



49.5160, 57.1858, 81.6718



60.7634, 57.1858, 77.6726



59.4960, 57.1858, 46.2062

Rectangle

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



48.4108, 57.1858, 49.0439



46.9301, 57.1858, 66.7287



60.7634, 57.1858, 77.6726



62.5209, 57.1858, 58.0061

Sweetspot

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



48.4123, 57.1882, 49.0452



88.9405, 97.0798, 98.2520



55.0179, 59.4541, 49.1344



18.8598, 20.6944, 20.7220



0.0000, 0.0000, 0.0000



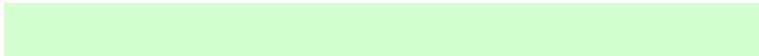
20.3446, 21.4041, 23.3091

Same Dimension

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



48.4123, 57.1882, 49.0452



73.8575, 89.8653, 72.1965



49.0494, 57.3644, 55.9529



11.7576, 13.2585, 12.5515



14.2679, 28.2243, 4.6958



0.8339, 1.5968, 0.2643

Inverse Universe

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



51.4967, 48.0040, 65.5860



79.8430, 72.0368, 104.3041



50.8242, 47.8309, 57.7124



12.1970, 11.9504, 14.9075



20.1435, 9.5647, 37.9770



1.1588, 0.5516, 2.1250

Previews

White Background



This preview shows how the XYZ color 48.4108, 57.1858, 49.0439 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 48.4108, 57.1858, 49.0439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

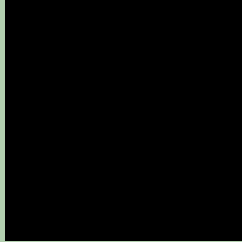
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4108, 57.1858, 49.0439

Background



This preview shows how black text looks on a background with the XYZ color 48.4108, 57.1858, 49.0439.



This preview shows how white text looks on a background with the XYZ color 48.4108, 57.1858,

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

48.4108, 57.1858, 49.0439

Protanopia

53.8393, 56.8838, 46.6701

Deuteranopia

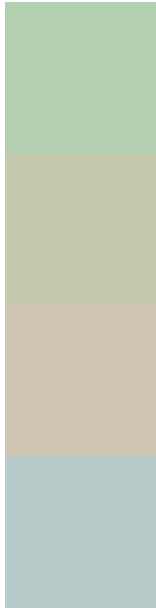
57.9369, 56.9212, 50.0528



Tritanopia

53.4186, 57.0973, 73.8511

Trichromacy



Original Color

48.4108, 57.1858, 49.0439

Protanomaly

51.6217, 56.7576, 47.2643

Deuteranomaly

53.9145, 56.5167, 49.6622

Tritanomaly

51.3080, 56.9212, 64.1598

Monochromacy



Original Color

48.4108, 57.1858, 49.0439

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.4868, 55.2965, 55.5893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4108, 57.1858, 49.0439 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(178, 207, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 207, 175) }
```

Border

The CSS property to change the border of an element to XYZ 48.4108, 57.1858, 49.0439 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, 175) }
```


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

```
.border{ border-color:rgb(178, 207, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 207, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 207, 175);  
box-shadow:4px 4px 4px 4px rgb(178, 207,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4108, 57.1858, 49.0439 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, 175) }
```

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

```
.background{ background-color: rgb(178,  
207, 175) }
```

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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