

Converting Colors

XYZ(48.5709, 57.9001, 38.3692)

Have a look what the booklet for
XYZ(48.5709, 57.9001, 38.3692)
contains.

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Color

**XYZ(48.4731, 57.8179,
38.3109)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD098
RGB	186, 208, 152
RGB Percent	73%, 82%, 60%
CMY	0.2706, 0.1843, 0.4039
CMYK	0.11, 0.00, 0.27, 0.18
HSL	84°, 37%, 71%
HSV	84°, 27%, 82%
XYZ	48.4731, 57.8179, 38.3109
YIQ	195.0380, 4.8640, -22.0800

Conversions

Conversions Part 2

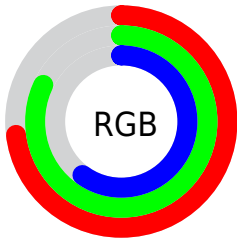
Format	Color
RYB	152, 208, 174
Decimal	12243096
CIELab	80.64, -17.06, 25.42
CIELCh	81, 30.618, 123.872
Yxy	57.8179, 0.3352, 0.3998
Android (android.graphics.Color)	4290433176 (0xFFBAD098)
YUV	195.0380, -21.2177, -7.9263
Hunter-Lab	76.0381, -19.2757, 23.3541

Details

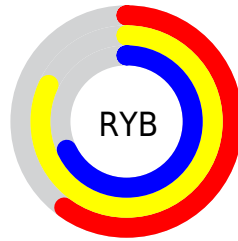
The XYZ color **48.4731, 57.8179, 38.3109** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.0713, 36.0108, 64.5165**, and the grayscale version is **52.0162, 54.7250, 59.5956**.

A 20% lighter version of the original color is **83.9846, 95.0797, 72.9572**, and **23.4203, 28.9563, 16.6667** is the 20% darker color. If you saturate the color by 10%, you get **44.9881, 56.2030, 30.0215**, and if you desaturate by 10%, it is **52.3735, 59.6160, 48.1816**.

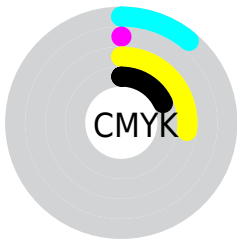
Distribution



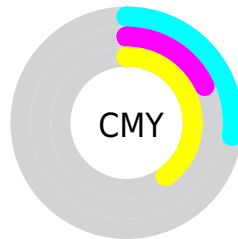
- Red (73%)
- Green (82%)
- Blue (60%)



- Red (60%)
- Yellow (82%)
- Blue (68%)



- Cyan (11%)
- Magenta (0%)
- Yellow (27%)
- Black (18%)





- Cyan (27%)
- Magenta (18%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4731, 57.8179, 38.3109 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 48.4731, 57.8179, 38.3109 by changing the saturation by 10% instead.


 48.4731, 57.8179,
38.3109


 48.4731, 57.8179,
38.3109


371.2158,
416.5070, 354.2899

 34.4145, 41.6623,
25.9204


 87.1138, 101.6576,
73.7931

 23.3766, 28.8369,
16.5388

 112.4267,
130.1105, 97.7219

 14.9941, 18.9575,
9.7478

142.2216,
163.4313, 126.3338

 8.9015, 11.6396,
5.1286

176.8641,
202.0043, 160.0475

 4.7336, 6.4988,
2.2629

216.7194,
246.2140, 199.2814

 2.1250, 3.1507,
0.7103

262.1528,

 0.7027, 1.2109,

296.4448, 244.4540

0.0000

313.5299,
353.0810, 295.9840

■ 0.0000, 0.0706,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.4731, 57.8179,
38.3109

■ 48.4731, 57.8179,
38.3109

■ 44.9881, 56.2030,
30.0215

■ 52.3735, 59.6160,
48.1816

■ 41.8965, 54.7564,
23.2274

■ 56.7011, 61.5963,
59.7062

■ 39.1809, 53.4729,
17.8402

■ 61.4727, 63.7678,
72.9572

■ 36.8204, 52.3438,
13.7604

■ 66.7028, 66.1365,
88.0018

■ 34.7917, 51.3597,
10.8759

■ 72.2430, 68.6431,
104.0496

■ 33.0678, 50.5096,
9.0555

■ 74.8804, 70.0027,
104.1730

■ 31.6137, 49.7790,
8.1258

■ 77.6419, 71.4263,
104.3022

■ 31.2022, 49.5709,
7.9236

■ 80.5289, 72.9146,
104.4373

■ 81.8471, 73.5942,
104.4990

Harmonies

Analogous

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



54.1400, 57.8179, 34.2877



48.4731, 57.8179, 38.3109



44.7764, 57.8179, 48.8734

Triad

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



48.4731, 57.8179, 38.3109



49.7884, 57.8179, 99.5370



67.9533, 57.8179, 60.6394

Complementary

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



48.4731, 57.8179, 38.3109



40.0713, 36.0108, 64.5165

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.



66.5680, 57.8179, 79.5081



48.4731, 57.8179, 38.3109



55.7765, 57.8179, 104.3174

Square

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



48.4731, 57.8179, 38.3109



45.4940, 57.8179, 84.3455



61.9886, 57.8179, 96.3902



65.6425, 57.8179, 45.5244

Rectangle

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



48.4731, 57.8179, 38.3109



43.7642, 57.8179, 59.3210



61.9886, 57.8179, 96.3902



67.9054, 57.8179, 66.7321

Sweetspot

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



48.4746, 57.8204, 38.3121



89.0500, 97.2664, 92.3755



46.7153, 45.7453, 36.0741



18.8299, 20.7137, 19.1500



0.0000, 0.0000, 0.0000



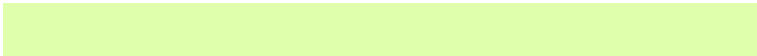
20.3446, 21.4041, 23.3091

Same Dimension

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



48.4746, 57.8204, 38.3121



73.7540, 90.2308, 53.2674



42.4309, 54.7048, 38.0293



12.3351, 13.5562, 12.5785



19.5572, 30.9510, 4.9434



1.1813, 1.7758, 0.2805

Inverse Universe

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



40.0713, 36.0108, 64.5165



58.3748, 50.3057, 101.2410



46.8286, 39.4943, 64.8328



11.5968, 11.6410, 14.8794



9.3512, 4.0010, 37.4719



0.6110, 0.2691, 2.0993

Previews

White Background



This preview shows how the XYZ color 48.4731, 57.8179, 38.3109 looks on a white background.

Color Contrast Check

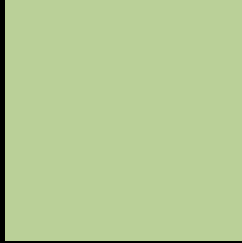
Large Text (above 18pt) WCAG AA × Fail

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 48.4731, 57.8179, 38.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

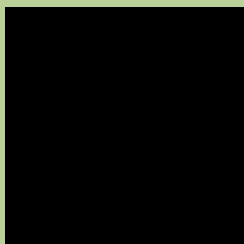
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4731, 57.8179, 38.3109

Background



This preview shows how black text looks on a background with the XYZ color 48.4731, 57.8179, 38.3109.



This preview shows how white text looks on a background with the XYZ color 48.4731, 57.8179,

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

48.4731, 57.8179, 38.3109

Protanopia

53.7311, 57.7428, 36.3305

Deuteranopia

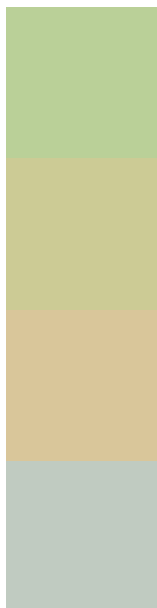
58.6977, 57.5583, 39.0265



Tritanopia

55.5546, 57.8685, 73.2074

Trichromacy



Original Color

48.4731, 57.8179, 38.3109

Protanomaly

51.6826, 57.7192, 36.8507

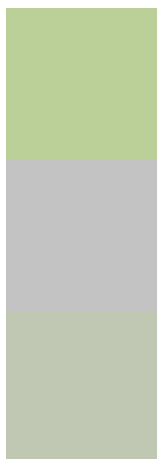
Deuteranomaly

54.6421, 57.4730, 38.7853

Tritanomaly

52.7198, 57.7686, 58.8239

Monochromacy



Original Color

48.4731, 57.8179, 38.3109

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.5292, 55.7697, 50.7493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4731, 57.8179, 38.3109 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(186, 208, 152)` looks like.

```
.text, #text, p{  
    color:rgb(186, 208, 152)  
}
```

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(186, 208, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 208, 152) }
```

Border

The CSS property to change the border of an element to XYZ 48.4731, 57.8179, 38.3109 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(186, 208, 152) }
```


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

```
.border{ border-color:rgb(186, 208, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 208, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 208, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 208, 152);  
box-shadow:4px 4px 4px 4px rgb(186, 208,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4731, 57.8179, 38.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 208, 152) }
```

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

```
.background{ background-color: rgb(186,  
208, 152) }
```

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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