

Converting Colors

XYZ(48.0907, 58.7356, 37.6566)

Have a look what the booklet for
XYZ(48.0907, 58.7356, 37.6566)
contains.

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Color

**XYZ(48.0907, 58.7356,
37.6566)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D396
RGB	182, 211, 150
RGB Percent	71%, 83%, 59%
CMY	0.2863, 0.1725, 0.4118
CMYK	0.14, 0.00, 0.29, 0.17
HSL	89°, 41%, 71%
HSV	89°, 29%, 83%
XYZ	48.0907, 58.7356, 37.6566
YIQ	195.3750, 2.2970, -25.1190

Conversions

Conversions Part 2

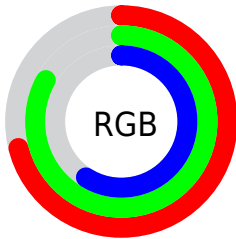
Format	Color
RYB	150, 211, 179
Decimal	11981718
CIELab	81.15, -20.31, 27.11
CIELCh	81, 33.872, 126.842
Yxy	58.7356, 0.3328, 0.4065
Android (android.graphics.Color)	4290171798 (0xFFB6D396)
YUV	195.3750, -22.3699, -11.7299
Hunter-Lab	76.6392, -22.1106, 24.5153

Details

The XYZ color **48.0907, 58.7356, 37.6566** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.2570, 36.1011, 66.4249**, and the grayscale version is **52.2251, 54.9449, 59.8350**.

A 20% lighter version of the original color is **82.0393, 94.1049, 71.5977**, and **23.0427, 29.2670, 16.2390** is the 20% darker color. If you saturate the color by 10%, you get **44.2577, 56.9404, 29.3925**, and if you desaturate by 10%, it is **52.4025, 60.7459, 47.5425**.

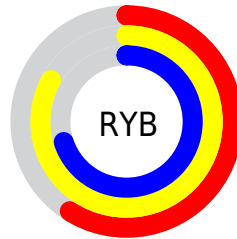
Distribution



Red (71%)

Green (83%)

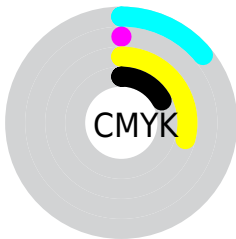
Blue (59%)



Red (59%)

Yellow (83%)

Blue (70%)

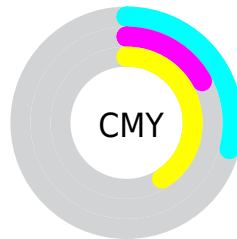


Cyan (14%)

Magenta (0%)

Yellow (29%)

Black (17%)



Cyan (29%)


Magenta (17%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0907, 58.7356, 37.6566 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 48.0907, 58.7356, 37.6566 by changing the saturation by 10% instead.


 48.0907, 58.7356,
37.6566


 48.0907, 58.7356,
37.6566


369.7281,
419.9214, 351.3985

 34.1103, 42.4003,
25.4165


 86.5483, 102.9933,
72.7791

 23.1416, 29.4149,
16.1658


 111.7562,
131.6845, 96.4985

 14.8194, 19.3949,
9.4859


141.4373,
165.2631, 124.8815

 8.7782, 11.9560,
4.9584

175.9569,
204.1135, 158.3466

 4.6527, 6.7137,
2.1645

215.6805,
248.6202, 197.3123

 2.0776, 3.2837,
0.6538

260.9733,

 0.6770, 1.2816,

299.1675, 242.1971

0.0000

312.2007,
356.1397, 293.4197

■ 0.0000, 0.1269,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.0907, 58.7356,
37.6566

■ 48.0907, 58.7356,
37.6566

■ 44.2577, 56.9404,
29.3925

■ 52.4025, 60.7459,
47.5425

■ 40.8790, 55.3441,
22.6598

■ 57.2072, 62.9714,
59.1267

■ 37.9344, 53.9403,
17.3650

■ 62.5238, 65.4220,
72.4853

■ 35.4003, 52.7190,
13.4026

■ 68.3689, 68.1048,
87.6886

■ 33.2501, 51.6691,
10.6531

■ 74.6769, 70.9939,
104.3750

■ 31.4528, 50.7779,
8.9751

■ 78.0303, 72.7226,
104.5320

■ 29.9615, 50.0259,
8.1428

■ 81.5726, 74.5488,
104.6978

■ 29.8110, 49.9498,
8.0701

■ 82.5855, 75.0709,
104.7452

Harmonies

Analogous

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



54.2279, 58.7356, 32.6473



48.0907, 58.7356, 37.6566



44.2738, 58.7356, 49.8761

Triad

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



48.0907, 58.7356, 37.6566



50.6664, 58.7356, 106.6702



70.3868, 58.7356, 59.4410

Complementary

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



48.0907, 58.7356, 37.6566



41.2570, 36.1011, 66.4249

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.



69.2318, 58.7356, 80.4570



48.0907, 58.7356, 37.6566



57.4561, 58.7356, 110.7287

Square

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



48.0907, 58.7356, 37.6566



45.6712, 58.7356, 90.1529



64.3502, 58.7356, 100.3001



67.3854, 58.7356, 43.3954

Rectangle

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



48.0907, 58.7356, 37.6566



43.3625, 58.7356, 61.8396



64.3502, 58.7356, 100.3001



70.4754, 58.7356, 66.1141

Sweetspot

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



48.0922, 58.7382, 37.6579



87.6715, 96.5979, 90.4057



48.3846, 48.0798, 35.5852



18.5232, 20.5640, 18.7563



0.0000, 0.0000, 0.0000



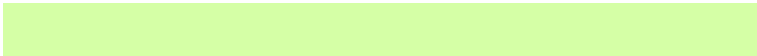
20.3446, 21.4041, 23.3091

Same Dimension

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



48.0922, 58.7382, 37.6579



69.9347, 88.3453, 49.3227



41.7562, 55.4718, 37.3613



12.2396, 13.5070, 12.5740



18.1092, 30.2046, 4.8756



1.1039, 1.7359, 0.2769

Inverse Universe

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



41.2570, 36.1011, 66.4249



57.7051, 47.8383, 100.8001



48.9515, 40.0679, 66.7850



11.6907, 11.6894, 14.8838



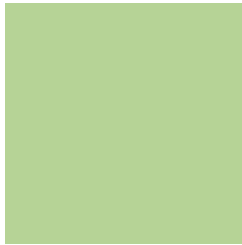
10.4058, 4.5447, 37.5213



0.6732, 0.3012, 2.1022

Previews

White Background



This preview shows how the XYZ color 48.0907, 58.7356, 37.6566 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 48.0907, 58.7356, 37.6566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

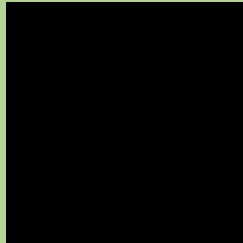
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0907, 58.7356, 37.6566

Background



This preview shows how black text looks on a background with the XYZ color 48.0907, 58.7356, 37.6566.



This preview shows how white text looks on a background with the XYZ color 48.0907, 58.7356,

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



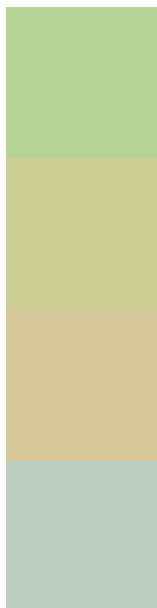
Original Color
48.0907, 58.7356, 37.6566
Protanopia
54.3939, 58.4475, 35.6088
Deuteranopia
59.4948, 58.3059, 38.6903



Tritanopia

55.5136, 58.5095, 74.6972

Trichromacy



Original Color

48.0907, 58.7356, 37.6566

Protanomaly

51.9996, 58.6066, 36.1753

Deuteranomaly

54.7229, 58.2074, 38.4879

Tritanomaly

52.1960, 58.2043, 58.9356

Monochromacy



Original Color

48.0907, 58.7356, 37.6566

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.2585, 55.9751, 50.8032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0907, 58.7356, 37.6566 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, 211, 150)` looks like.

```
.text, #text, p{  
    color:rgb(182, 211, 150)  
}
```

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, 211, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 211, 150) }
```

Border

The CSS property to change the border of an element to XYZ 48.0907, 58.7356, 37.6566 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, 211, 150) }
```


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

```
.border{ border-color:rgb(182, 211, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 211, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 211, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 211, 150);  
box-shadow:4px 4px 4px 4px rgb(182, 211,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0907, 58.7356, 37.6566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 211, 150) }
```

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

```
.background{ background-color: rgb(182,  
211, 150) }
```

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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