

Converting Colors

XYZ(48.4025, 57.6842, 34.5700)

Have a look what the booklet for
XYZ(48.4025, 57.6842, 34.5700)
contains.

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Color

**XYZ(48.5001, 57.9137,
34.6088)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD08F
RGB	189, 208, 143
RGB Percent	74%, 82%, 56%
CMY	0.2588, 0.1843, 0.4392
CMYK	0.09, 0.00, 0.31, 0.18
HSL	78°, 41%, 69%
HSV	78°, 31%, 82%
XYZ	48.5001, 57.9137, 34.6088
YIQ	194.9090, 9.5410, -24.2430

Conversions

Conversions Part 2

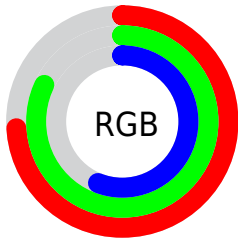
Format	Color
RYB	143, 208, 162
Decimal	12439695
CIELab	80.69, -17.22, 30.22
CIELCh	81, 34.779, 119.679
Yxy	57.9137, 0.3439, 0.4107
Android (android.graphics.Color)	4290629775 (0xFFBDD08F)
YUV	194.9090, -25.5911, -5.1822
Hunter-Lab	76.1011, -19.4167, 26.3072

Details

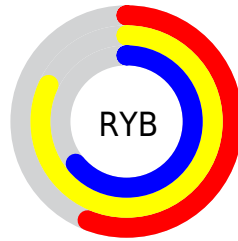
The XYZ color **48.5001, 57.9137, 34.6088** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.1101, 31.8819, 63.9283**, and the grayscale version is **51.9625, 54.6685, 59.5341**.

A 20% lighter version of the original color is **83.8441, 95.1440, 66.7689**, and **23.4790, 29.0348, 14.4920** is the 20% darker color. If you saturate the color by 10%, you get **45.5917, 56.5817, 26.9963**, and if you desaturate by 10%, it is **51.7669, 59.4003, 43.7655**.

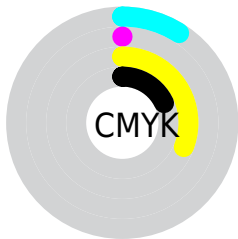
Distribution



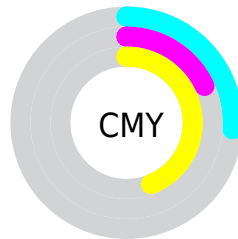
- Red (74%)
- Green (82%)
- Blue (56%)



- Red (56%)
- Yellow (82%)
- Blue (64%)



- Cyan (9%)
- Magenta (0%)
- Yellow (31%)
- Black (18%)



- Cyan (26%)
- Magenta (18%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5001, 57.9137, 34.6088 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 48.5001, 57.9137, 34.6088 by changing the saturation by 10% instead.

■ 48.5001, 57.9137,
34.6088

■ 48.5001, 57.9137,
34.6088

371.3207,
416.8643, 337.6899

■ 34.4360, 41.7393,
23.0805

■ 87.1537, 101.7972,
68.0240

■ 23.3932, 28.8972,
14.4471

■ 112.4740,
130.2750, 90.7480

■ 15.0064, 19.0031,
8.2900

142.2770,
163.6228, 118.0410

■ 8.9102, 11.6725,
4.1907

176.9281,
202.2249, 150.3215

■ 4.7393, 6.5211,
1.7305

216.7926,
246.4657, 188.0081

■ 2.1283, 3.1644,
0.3815

262.2360,

■ 0.7045, 1.2182,

296.7296, 231.5194

0.0000

313.6236,
353.4010, 281.2738

■ 0.0000, 0.0765,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.5001, 57.9137,
34.6088

■ 48.5001, 57.9137,
34.6088

■ 45.5917, 56.5817,
26.9963

■ 51.7669, 59.4003,
43.7655

■ 43.0204, 55.3897,
20.8391

■ 55.4034, 61.0403,
54.5414

■ 40.7690, 54.3329,
16.0448

■ 59.4257, 62.8420,
67.0109

■ 38.8171, 53.4029,
12.5092

■ 63.8476, 64.8112,
81.2430

■ 37.1411, 52.5902,
10.1128

■ 68.6822, 66.9530,
97.3025

■ 35.7131, 51.8835,
8.7131

■ 71.8108, 68.4202,
104.0293

■ 34.6243, 51.3350,
8.0838

■ 73.7461, 69.4179,
104.1199

■ 75.7497, 70.4508,
104.2137

■ 77.8222, 71.5192,
104.3107

Harmonies

Analogous

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



55.1226, 57.9137, 31.2533



48.5001, 57.9137, 34.6088



43.9861, 57.9137, 45.1585

Triad

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



48.5001, 57.9137, 34.6088



48.3771, 57.9137, 103.6290



70.0074, 57.9137, 63.2798

Complementary

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



48.5001, 57.9137, 34.6088



36.1101, 31.8819, 63.9283

Split Complementary

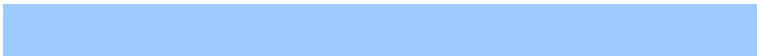
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.8181, 57.9137, 85.1549



48.5001, 57.9137, 34.6088



54.9680, 57.9137, 111.3297

Square

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



48.5001, 57.9137, 34.6088



43.9196, 57.9137, 84.6873



62.1542, 57.9137, 103.9377



67.9070, 57.9137, 45.4661

Rectangle

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



48.5001, 57.9137, 34.6088



42.5704, 57.9137, 56.2480



62.1542, 57.9137, 103.9377



69.7462, 57.9137, 70.3970

Sweetspot

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



48.5016, 57.9163, 34.6100



89.1470, 97.3586, 90.4747



43.7902, 41.0304, 31.5991



18.8872, 20.7517, 18.7734



0.0000, 0.0000, 0.0000



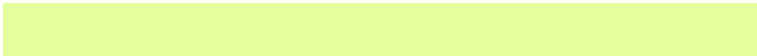
20.3446, 21.4041, 23.3091

Same Dimension

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



48.5016, 57.9163, 34.6100



73.5148, 90.2694, 45.9420



41.4365, 54.2741, 34.2794



12.4528, 13.6168, 12.5840



21.6790, 32.0449, 5.0427



1.2891, 1.8314, 0.2856

Inverse Universe

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



36.1101, 31.8819, 63.9283



50.6482, 42.2008, 100.0839



43.4364, 35.6587, 64.2711



11.4838, 11.5827, 14.8741



8.3724, 3.4964, 37.4261



0.5474, 0.2363, 2.0963

Previews

White Background



This preview shows how the XYZ color 48.5001, 57.9137, 34.6088 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 48.5001, 57.9137, 34.6088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

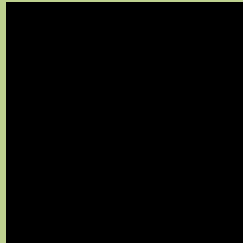
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5001, 57.9137, 34.6088

Background



This preview shows how black text looks on a background with the XYZ color 48.5001, 57.9137, 34.6088.



This preview shows how white text looks on a background with the XYZ color 48.5001, 57.9137,

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

48.5001, 57.9137, 34.6088

Protanopia

53.7068, 57.8009, 33.1370

Deuteranopia

59.0411, 57.8104, 35.6505



Tritanopia

56.2424, 57.8953, 72.5006

Trichromacy



Original Color

48.5001, 57.9137, 34.6088

Protanomaly

51.6173, 57.7568, 33.6270

Deuteranomaly

54.8976, 57.6791, 35.4339

Tritanomaly

52.8115, 57.5173, 56.4626

Monochromacy



Original Color

48.5001, 57.9137, 34.6088

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.4831, 55.7806, 49.1803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5001, 57.9137, 34.6088 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(189, 208, 143)` looks like.

```
.text, #text, p{  
    color:rgb(189, 208, 143)  
}
```

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(189, 208, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 208, 143) }
```

Border

The CSS property to change the border of an element to XYZ 48.5001, 57.9137, 34.6088 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(189, 208, 143) }
```


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

```
.border{ border-color:rgb(189, 208, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 208, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 208, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 208, 143); box-shadow:4px 4px 4px 4px rgb(189, 208, 143) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5001, 57.9137, 34.6088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 208, 143) }
```

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

```
.background{ background-color: rgb(189,  
208, 143) }
```

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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