

Converting Colors

XYZ(48.5601, 58.7055, 31.1979)

Have a look what the booklet for
XYZ(48.5601, 58.7055, 31.1979)
contains.

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Color

**XYZ(48.5849, 58.7616,
31.3357)**

Conversions

Conversions Part 1

Format	Color
Hex	BED286
RGB	190, 210, 134
RGB Percent	75%, 82%, 53%
CMY	0.2549, 0.1765, 0.4745
CMYK	0.10, 0.00, 0.36, 0.18
HSL	76°, 46%, 67%
HSV	76°, 36%, 82%
XYZ	48.5849, 58.7616, 31.3357
YIQ	195.3560, 12.4760, -27.8760

Conversions

Conversions Part 2

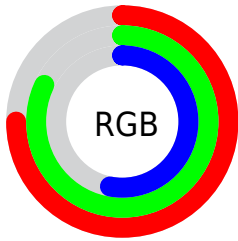
Format	Color
RYB	134, 210, 154
Decimal	12505734
CIELab	81.16, -19.01, 35.47
CIELCh	81, 40.246, 118.189
Yxy	58.7616, 0.3503, 0.4237
Android (android.graphics.Color)	4290695814 (0xFFBED286)
YUV	195.3560, -30.2485, -4.6972
Hunter-Lab	76.6561, -21.0143, 29.4225

Details

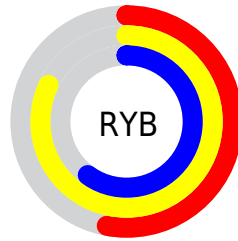
The XYZ color **48.5849, 58.7616, 31.3357** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.4867, 28.5750, 64.7267**, and the grayscale version is **52.2551, 54.9764, 59.8694**.

A 20% lighter version of the original color is **83.1949, 94.9250, 61.5145**, and **23.6031, 29.6357, 12.6599** is the 20% darker color. If you saturate the color by 10%, you get **45.9092, 57.5368, 24.3094**, and if you desaturate by 10%, it is **51.6068, 60.1349, 39.8988**.

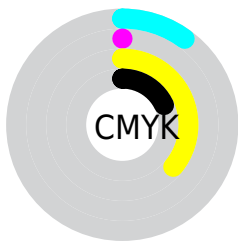
Distribution



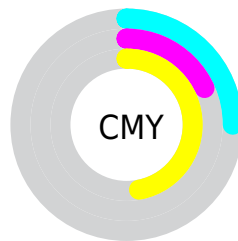
- Red (75%)
- Green (82%)
- Blue (53%)



- Red (53%)
- Yellow (82%)
- Blue (60%)



- Cyan (10%)
- Magenta (0%)
- Yellow (36%)
- Black (18%)





- Cyan (25%)
- Magenta (18%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5849, 58.7616, 31.3357 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 48.5849, 58.7616, 31.3357 by changing the saturation by 10% instead.


 48.5849, 58.7616,
31.3357


 48.5849, 58.7616,
31.3357


371.6500,
420.0179, 322.4809


 34.5035, 42.4212,
20.5940


 87.2791, 103.0311,
62.8540

 23.4454, 29.4313,
12.6392


 112.6225,
131.7290, 84.4676

 15.0452, 19.4073,
7.0528


 142.4507,
165.3149, 110.5423

 8.9376, 11.9650,
3.4162

177.1290,
204.1732, 141.4967

 4.7573, 6.7198,
1.3109

217.0227,
248.6882, 177.7492

 2.1389, 3.2875,
0.0707

262.4972,

 0.7102, 1.2836,

299.2444, 219.7183

0.0000

313.9178,
356.2262, 267.8227

■ 0.0000, 0.1285,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.5849, 58.7616,
31.3357

■ 48.5849, 58.7616,
31.3357

■ 45.9092, 57.5368,
24.3094

■ 51.6068, 60.1349,
39.8988

■ 43.5574, 56.4456,
18.7249


■ 54.9870, 61.6557,
50.0786


■ 41.5113, 55.4826,
14.4827


■ 58.7421, 63.3325,
61.9540


■ 39.7486, 54.6388,
11.4690


■ 62.8866, 65.1714,
75.5975


 38.2436, 53.9038,
9.5512


 67.4339, 67.1777,
91.0776

 36.9641, 53.2647,
8.5626

 71.5804, 69.0301,
104.1592

 36.5135, 53.0375,
8.3128

 73.3132, 69.9234,
104.2403

 75.1022, 70.8456,
104.3240

 76.9478, 71.7970,
104.4104

Harmonies

Analogous

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



56.3614, 58.7616, 28.0719



48.5849, 58.7616, 31.3357



43.2549, 58.7616, 42.6222

Triad

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



48.5849, 58.7616, 31.3357



47.7863, 58.7616, 111.7145



73.5403, 58.7616, 65.4495

Complementary

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



48.5849, 58.7616, 31.3357



33.4867, 28.5750, 64.7267

Split Complementary

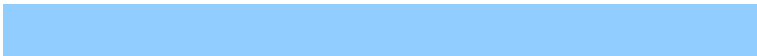
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.6823, 58.7616, 91.4972



48.5849, 58.7616, 31.3357



55.3439, 58.7616, 122.0267

Square

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



48.5849, 58.7616, 31.3357



42.8273, 58.7616, 88.3311



63.8080, 58.7616, 113.8405



71.2792, 58.7616, 44.5762

Rectangle

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



48.5849, 58.7616, 31.3357



41.5262, 58.7616, 54.9993



63.8080, 58.7616, 113.8405



73.1412, 58.7616, 73.8917

Sweetspot

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



48.5864, 58.7642, 31.3370



88.1939, 96.9498, 86.7017



42.2748, 38.2071, 27.7017



18.7073, 20.6754, 18.0220



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.



48.5864, 58.7642, 31.3370



72.3054, 89.7663, 40.4455



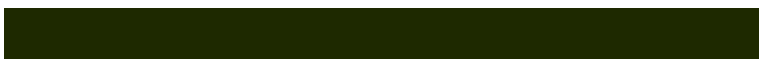
40.4885, 54.5896, 30.9580



12.4871, 13.6346, 12.5856



22.3705, 32.4013, 5.0750



1.3232, 1.8490, 0.2872

Inverse Universe

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



33.4867, 28.5750, 64.7267



45.7316, 36.6009, 99.2621



41.6459, 32.7812, 65.1086



11.4513, 11.5660, 14.8726



8.1475, 3.3805, 37.4156



0.5313, 0.2281, 2.0956

Previews

White Background



This preview shows how the XYZ color 48.5849, 58.7616, 31.3357 looks on a white background.

Color Contrast Check

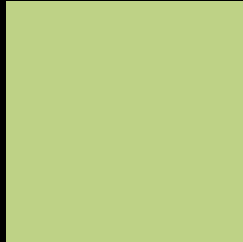
Large Text (above 18pt) WCAG AA × Fail

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 48.5849, 58.7616, 31.3357 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 48.5849, 58.7616, 31.3357

Background



This preview shows how black text looks on a background with the XYZ color 48.5849, 58.7616, 31.3357.



This preview shows how white text looks on a background with the XYZ color 48.5849, 58.7616,

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

48.5849, 58.7616, 31.3357

Protanopia

54.1293, 58.4451, 29.5472

Deuteranopia

59.5926, 58.5002, 32.1955



Tritanopia

57.1363, 58.6839, 73.2815

Trichromacy



Original Color

48.5849, 58.7616, 31.3357

Protanomaly

51.7020, 58.2343, 29.9881

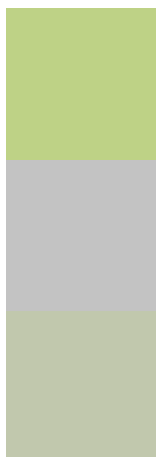
Deuteranomaly

55.0630, 58.1826, 31.9951

Tritanomaly

53.4817, 58.6012, 54.9468

Monochromacy



Original Color

48.5849, 58.7616, 31.3357

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.1894, 55.6631, 47.6340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5849, 58.7616, 31.3357 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(190, 210, 134)` looks like.

```
.text, #text, p{  
    color:rgb(190, 210, 134)  
}
```

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(190, 210, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 210, 134) }
```

Border

The CSS property to change the border of an element to XYZ 48.5849, 58.7616, 31.3357 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(190, 210, 134) }
```


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

```
.border{ border-color:rgb(190, 210, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 210, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 210, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 210, 134);  
box-shadow:4px 4px 4px 4px rgb(190, 210,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5849, 58.7616, 31.3357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 210, 134) }
```

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

```
.background{ background-color: rgb(190,  
210, 134) }
```

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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