

Converting Colors

XYZ(48.3545, 56.1411, 30.4781)

Have a look what the booklet for
XYZ(48.3545, 56.1411, 30.4781)
contains.

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Color

**XYZ(48.3545, 56.1411,
30.4781)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CB85
RGB	196, 203, 133
RGB Percent	77%, 80%, 52%
CMY	0.2314, 0.2039, 0.4784
CMYK	0.03, 0.00, 0.34, 0.20
HSL	66°, 40%, 66%
HSV	66°, 34%, 80%
XYZ	48.3545, 56.1411, 30.4781
YIQ	192.9270, 18.2980, -23.2540

Conversions

Conversions Part 2

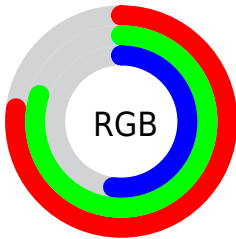
Format	Color
RYB	133, 203, 140
Decimal	12897157
CIELab	79.69, -13.32, 34.16
CIELCh	80, 36.667, 111.309
Yxy	56.1411, 0.3583, 0.4159
Android (android.graphics.Color)	4291087237 (0xFFC4CB85)
YUV	192.9270, -29.5440, 2.6950
Hunter-Lab	74.9274, -15.9276, 28.3318

Details

The XYZ color **48.3545, 56.1411, 30.4781** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.9844, 26.6638, 60.0695**, and the grayscale version is **50.8075, 53.4534, 58.2108**.

A 20% lighter version of the original color is **85.2377, 95.9905, 61.0492**, and **23.2549, 27.7668, 12.1165** is the 20% darker color. If you saturate the color by 10%, you get **46.5611, 55.3651, 23.7674**, and if you desaturate by 10%, it is **50.4290, 57.0343, 38.6191**.

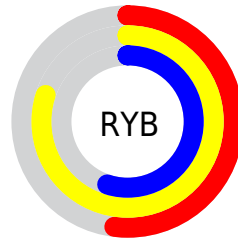
Distribution



Red (77%)

Green (80%)

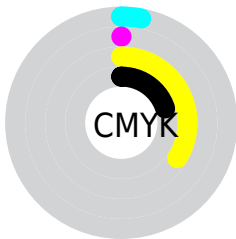
Blue (52%)



Red (52%)

Yellow (80%)

Blue (55%)

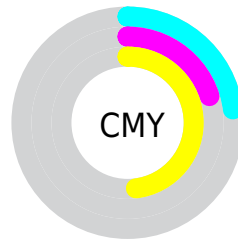


Cyan (3%)

Magenta (0%)

Yellow (34%)

Black (20%)



Cyan (23%)

Magenta (20%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3545, 56.1411, 30.4781 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 48.3545, 56.1411, 30.4781 by changing the saturation by 10% instead.

■ 48.3545, 56.1411,
30.4781

■ 48.3545, 56.1411,
30.4781

370.7548,
410.2230, 318.4031

■ 34.3201, 40.3161,
19.9466

■ 86.9385, 99.2109,
61.4874

■ 23.3037, 27.7851,
12.1726

■ 112.2188,
127.2244, 82.8022

■ 14.9398, 18.1637,
6.7373

■ 141.9785,
160.0695, 108.5487

■ 8.8632, 11.0676,
3.2224

176.5829,
198.1306, 139.1452

■ 4.7085, 6.1123,
1.2093

216.3974,
241.7921, 175.0104

■ 2.1102, 2.9135,
0.0000

261.7873,

■ 0.6948, 1.0867,

291.4384, 216.5627

0.0000

313.1180,
347.4539, 264.2208

■ 0.0000, 0.0000,
0.0000

■ 48.3545, 56.1411,
30.4781

■ 48.3545, 56.1411,
30.4781

■ 46.5611, 55.3651,
23.7674

■ 50.4290, 57.0343,
38.6191

■ 45.0288, 54.6923,
18.4008

■ 52.7948, 58.0429,
48.2627

■ 43.7418, 54.1185,
14.2886


■ 55.4667, 59.1748,
59.4808


■ 42.6805, 53.6358,
11.3285


■ 58.4573, 60.4350,
72.3393

■ 41.8226, 53.2353,
9.4023


■ 61.7784, 61.8283,
86.9007


 41.1406, 52.9060,
8.3662

 65.4414, 63.3591,
103.2240

 40.8120, 52.7437,
8.0295

 66.0483, 63.6684,
103.4158

 66.6312, 63.9689,
103.4431

 67.2215, 64.2732,
103.4707

Harmonies

Analogous

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



55.5399, 56.1411, 29.0436



48.3545, 56.1411, 30.4781



43.0061, 56.1411, 39.0267

Triad

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



48.3545, 56.1411, 30.4781



44.9498, 56.1411, 98.7750



68.6997, 56.1411, 67.4959

Complementary

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



48.3545, 56.1411, 30.4781



29.9844, 26.6638, 60.0695

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.



65.2561, 56.1411, 90.3083



48.3545, 56.1411, 30.4781



51.2388, 56.1411, 110.9134

Square

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



48.3545, 56.1411, 30.4781



41.1705, 56.1411, 77.1662



58.7005, 56.1411, 107.5005



67.7463, 56.1411, 47.4821

Rectangle

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



48.3545, 56.1411, 30.4781



40.9838, 56.1411, 48.9755



58.7005, 56.1411, 107.5005



68.0072, 56.1411, 75.1412

Sweetspot

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



48.3559, 56.1436, 30.4793



90.2802, 97.9843, 88.6499



38.2423, 33.1477, 26.5737



19.1895, 20.9158, 18.4134



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.



48.3559, 56.1436, 30.4793



78.7964, 93.0659, 42.8550



40.2896, 51.9853, 30.1018



12.0389, 13.0375, 11.9614



26.0150, 33.5866, 5.1117



1.3748, 1.7496, 0.2652

Inverse Universe

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



29.9844, 26.6638, 60.0695



43.7086, 36.7446, 99.3965



36.8481, 30.2021, 60.3907



10.7042, 10.8968, 14.1095



7.0839, 2.8594, 36.1348



0.4018, 0.1663, 1.8659

Previews

White Background



This preview shows how the XYZ color 48.3545, 56.1411, 30.4781 looks on a white background.

Color Contrast Check

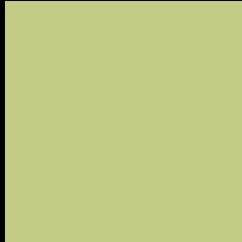
Large Text (above 18pt) WCAG AA × Fail

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 48.3545, 56.1411, 30.4781 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 48.3545, 56.1411, 30.4781

Background



This preview shows how black text looks on a background with the XYZ color 48.3545, 56.1411, 30.4781.



This preview shows how white text looks on a background with the XYZ color 48.3545, 56.1411, 30.4781.

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

48.3545, 56.1411, 30.4781

Protanopia

51.7945, 55.8673, 29.5263

Deuteranopia

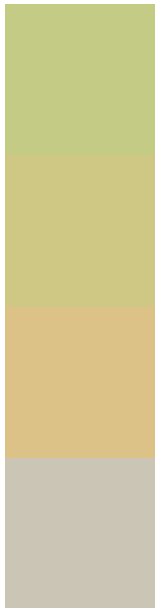
57.2336, 56.0056, 31.0862



Tritanopia

55.9772, 56.1662, 68.2124

Trichromacy



Original Color

48.3545, 56.1411, 30.4781

Protanomaly

50.3204, 55.7782, 29.9439

Deuteranomaly

53.4838, 55.7050, 30.8549

Tritanomaly

52.6639, 55.8253, 51.7157

Monochromacy



Original Color

48.3545, 56.1411, 30.4781

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.5651, 54.3421, 46.4048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3545, 56.1411, 30.4781 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(196, 203, 133)` looks like.

```
.text, #text, p{  
    color:rgb(196, 203, 133)  
}
```

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(196, 203, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 203, 133) }
```

Border

The CSS property to change the border of an element to XYZ 48.3545, 56.1411, 30.4781 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(196, 203, 133) }
```


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

```
.border{ border-color:rgb(196, 203, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 203, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 203, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 203, 133);  
box-shadow:4px 4px 4px 4px rgb(196, 203,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3545, 56.1411, 30.4781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 203, 133) }
```

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

```
.background{ background-color: rgb(196,  
203, 133) }
```

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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