

Converting Colors

YUV(179.4650, -45.5852,
14.5012)

Have a look what the booklet for
YUV(179.4650, -45.5852, 14.5012)
contains.

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Color

**YUV(179.4650, -45.5852,
14.5012)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BD57
RGB	196, 189, 87
RGB Percent	77%, 74%, 34%
CMY	0.2314, 0.2588, 0.6588
CMYK	0.00, 0.04, 0.56, 0.23
HSL	56°, 48%, 55%
HSV	56°, 56%, 77%
XYZ	42.6828, 48.8191, 16.1902
YIQ	179.4650, 36.9140, -30.2380

Conversions

Conversions Part 2

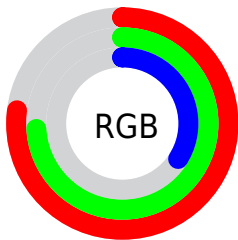
Format	Color
RYB	94, 196, 87
Decimal	12893527
CIELab	75.34, -10.81, 51.52
CIELCh	75, 52.646, 101.849
Yxy	48.8191, 0.3963, 0.4533
Android (android.graphics.Color)	4291083607 (0xFFC4BD57)
YUV	179.4650, -45.5852, 14.5012
Hunter-Lab	69.8706, -13.2309, 35.1709

Details

The YUV color **179.4650, -45.5852, 14.5012** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **103.5350, 45.5852, -14.5012**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.0200, -47.3379, 16.6455**, and **125.5680, -45.1430, 12.6569** is the 20% darker color. If you saturate the color by 10%, you get **176.5980, -54.0318, 17.0156**, and if you desaturate by 10%, it is **182.3320, -37.1387, 11.9868**.

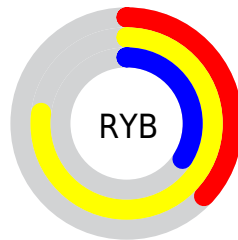
Distribution



Red (77%)

Green (74%)

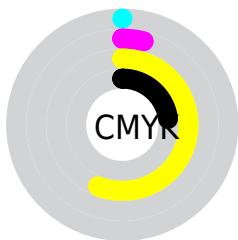
Blue (34%)



Red (37%)

Yellow (77%)

Blue (34%)

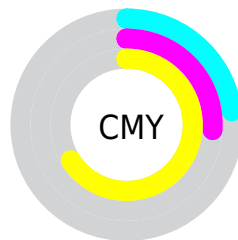


Cyan (0%)

Magenta (4%)

Yellow (56%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.4650, -45.5852, 14.5012 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 YUV color 179.4650, -45.5852, 14.5012 by changing the saturation by 10% instead.

■ 179.4650,
-45.5852, 14.5012

■ 179.4650,
-45.5852, 14.5012

255.0000, 0.0000,
0.0000

■ 152.2800,
-45.0010, 13.7864

■ 236.0200,
-47.3379, 16.6455

■ 125.5680,
-45.1430, 12.6569

■ 244.9680,
-38.4382, 8.7981

■ 98.9440, -48.7794,
12.3271

■ 248.1600,
-26.2079, 5.9987

■ 76.7830, -37.8540,
8.0833

■ 251.4660,
-13.5407, 3.0993

■ 55.2200, -27.2235,
5.0691

254.7720, -0.8736,
0.2000

■ 35.1190, -17.3137,
-0.1044

■ 13.5120, -6.6614,

-10.0960

■ 0.0000, 0.0000,
0.0000

■ 179.4650,
-45.5852, 14.5012

■ 179.4650,
-45.5852, 14.5012

■ 176.5980,
-54.0318, 17.0156

■ 182.3320,
-37.1387, 11.9868

■ 173.2580,
-61.7522, 19.9447

■ 185.6720,
-29.4183, 9.0577

■ 170.3910,
-70.1988, 22.4591

■ 188.5390,
-20.9717, 6.5433

■ 167.6380,
-78.2085, 24.8735

■ 191.2920,
-12.9620, 4.1289

■ 166.0250,
-81.8503, 26.2881

■ 194.1590, -4.5154,
1.6146

■ 197.6130, 3.6418,
-1.4146

■ 200.3660, 11.6516,
-3.8290

■ 203.2330, 20.0981,
-6.3433

■ 205.0740, 24.6135,
-7.9579

Harmonies

Analogous

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



182.9130, -44.8201, 49.1883



179.4650, -45.5852, 14.5012



173.3980, -30.7622, -26.6590

Triad

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



179.4650, -45.5852, 14.5012



150.4820, 48.5694, -131.9727



188.4460, 14.0771, 58.3679

Complementary

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



179.4650, -45.5852, 14.5012



103.5350, 45.5852, -14.5012

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.



190.2100, 31.9415, 21.7408



179.4650, -45.5852, 14.5012



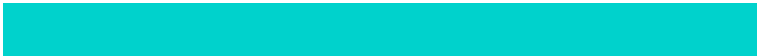
145.8830, 53.7947, -127.9394

Square

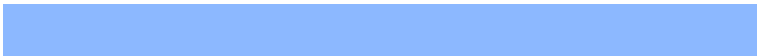
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



179.4650, -45.5852, 14.5012



146.5260, 28.3347, -128.5033



178.9380, 37.4986, -34.1486



180.5120, -6.1684, 65.3260

Rectangle

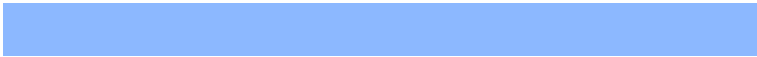
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



179.4650, -45.5852, 14.5012



165.9560, -13.7823, -59.5974



178.9380, 37.4986, -34.1486



190.9980, 20.2140, 49.9908

Sweetspot

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



179.4650, -45.5852, 14.5012



248.3370, -17.9141, 5.8435



120.3890, -13.0098, 66.3108



123.8620, -10.7780, 3.6290



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



179.4650, -45.5852, 14.5012



229.0490, -71.5092, 22.7590



169.5210, -40.6829, -17.9969



95.2730, -4.0786, 1.5146



136.1890, -67.1412, 21.7592



28.0640, -13.8356, 4.3289

Inverse Universe

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



103.5350, 45.5852, -14.5012



109.9510, 71.5092, -22.7590



113.4790, 40.6829, 17.9969



88.7270, 4.0786, -1.5146



24.2240, 67.4306, -21.2444



4.9360, 13.8356, -4.3289

Previews

White Background



This preview shows how the YUV color 179.4650, -45.5852, 14.5012 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 YUV color 179.4650, -45.5852, 14.5012 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](#).

YUV 179.4650, -45.5852, 14.5012 Background



This preview shows how black text looks on a background with the YUV color 179.4650, -45.5852, 14.5012.



This preview shows how white text looks on a background with the YUV color 179.4650, -45.5852, 14.5012.

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

179.4650, -45.5852, 14.5012

Protanopia

180.5800, -46.6279, 22.2933

Deuteranopia

182.6300, -45.6666, 40.6665



Tritanopia

187.9680, 1.9878, 15.8141

Trichromacy



Original Color

179.4650, -45.5852, 14.5012

Protanomaly

179.9710, -46.3277, 19.3194

Deuteranomaly

181.2760, -45.4921, 31.3299

Tritanomaly

184.7880, -15.1785, 15.0949

Monochromacy



Original Color

179.4650, -45.5852, 14.5012

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.3800, -16.4563, 4.9287

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.4650, -45.5852, 14.5012 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, 189, 87)` looks like.

```
.text, #text, p{  
    color:rgb(196, 189, 87)  
}
```

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, 189, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 189, 87) }
```

Border

The CSS property to change the border of an element to YUV 179.4650, -45.5852, 14.5012 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, 189, 87) }
```


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

```
.border{ border-color:rgb(196, 189, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 189, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 189, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 189, 87);  
box-shadow:4px 4px 4px 4px rgb(196, 189,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 179.4650, -45.5852, 14.5012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 189, 87) }
```

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

```
.background{ background-color: rgb(196,  
189, 87) }
```

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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