

Converting Colors

YUV(179.0800, -48.3534,
15.7158)

Have a look what the booklet for
YUV(179.0800, -48.3534, 15.7158)
contains.

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Color

**YUV(179.0800, -48.3534,
15.7158)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BD51
RGB	197, 189, 81
RGB Percent	77%, 74%, 32%
CMY	0.2275, 0.2588, 0.6824
CMYK	0.00, 0.04, 0.59, 0.23
HSL	56°, 50%, 55%
HSV	56°, 59%, 77%
XYZ	42.7088, 48.8596, 14.9644
YIQ	179.0800, 39.4360, -31.8920

Conversions

Conversions Part 2

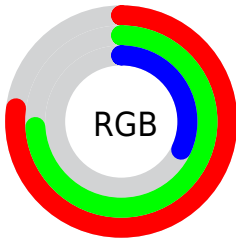
Format	Color
RYB	90, 197, 81
Decimal	12959057
CIELab	75.36, -10.84, 54.31
CIELCh	75, 55.383, 101.289
Yxy	48.8596, 0.4009, 0.4586
Android (android.graphics.Color)	4291149137 (0xFFC5BD51)
YUV	179.0800, -48.3534, 15.7158
Hunter-Lab	69.8996, -13.2607, 36.2367

Details

The YUV color **179.0800, -48.3534, 15.7158** 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 **98.9200, 48.3534, -15.7158**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.3360, -49.9586, 17.2453**, and **124.6560, -48.6374, 13.4567** is the 20% darker color. If you saturate the color by 10%, you get **176.2130, -56.8000, 18.2302**, and if you desaturate by 10%, it is **181.9470, -39.9069, 13.2015**.

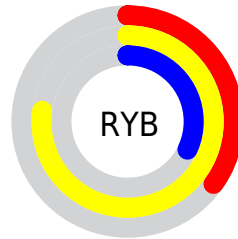
Distribution



Red (77%)

Green (74%)

Blue (32%)



Red (35%)

Yellow (77%)

Blue (32%)

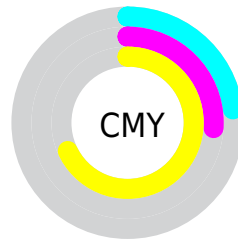


Cyan (0%)

Magenta (4%)

Yellow (59%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.0800, -48.3534, 15.7158 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 179.0800, -48.3534, 15.7158 by changing the saturation by 10% instead.

■ 179.0800,
-48.3534, 15.7158

■ 179.0800,
-48.3534, 15.7158

■ 255.0000, 0.0000,
0.0000

■ 151.5960,
-47.6218, 14.3863

■ 235.3360,
-49.9586, 17.2453

■ 124.6560,
-48.6374, 13.4567

■ 244.2840,
-41.0590, 9.3979

■ 98.9440, -48.7794,
12.3271

■ 247.4760,
-28.8287, 6.5985

■ 77.0820, -38.0014,
8.6981

■ 250.7820,
-16.1615, 3.6992

■ 55.2200, -27.2235,
5.0691

■ 254.0880, -3.4944,
0.7998

■ 35.1190, -17.3137,
-0.1044

■ 13.5120, -6.6614,

-10.0960

■ 0.0000, 0.0000,
0.0000

■ 179.0800,
-48.3534, 15.7158

■ 179.0800,
-48.3534, 15.7158

■ 176.2130,
-56.8000, 18.2302

■ 181.9470,
-39.9069, 13.2015

■ 172.8730,
-64.5204, 21.1594

■ 185.2870,
-32.1865, 10.2723

■ 170.0060,
-72.9670, 23.6737

■ 188.1540,
-23.7399, 7.7579

■ 167.1390,
-81.4135, 26.1881

■ 191.0210,
-15.2934, 5.2436

■ 166.3240,
-81.9977, 26.9029

■ 194.4750, -7.1362,
2.2144

■ 197.2280, 0.8736,
-0.2000

■ 200.6820, 9.0308,
-3.2291

■ 203.5490, 17.4773,
-5.7435

■ 205.9600, 24.1767,
-7.8579

Harmonies

Analogous

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



182.7670, -46.7201, 51.9473



179.0800, -48.3534, 15.7158



172.8170, -32.9408, -27.9035

Triad

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



179.0800, -48.3534, 15.7158



151.4110, 49.5904, -132.7874



187.6140, 15.9663, 59.0975

Complementary

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



179.0800, -48.3534, 15.7158



98.9200, 48.3534, -15.7158

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



179.0800, -48.3534, 15.7158



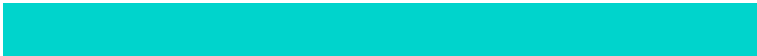
146.4700, 53.5053, -128.4542

Square

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



179.0800, -48.3534, 15.7158



147.7000, 27.7559, -129.5329



177.1440, 38.3830, -37.8373



178.7510, -5.3002, 66.8704

Rectangle

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



179.0800, -48.3534, 15.7158



164.7060, -14.6451, -62.8862



177.1440, 38.3830, -37.8373



190.8780, 22.2451, 51.8500

Sweetspot

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



179.0800, -48.3534, 15.7158



247.9950, -19.2245, 6.1434



116.8240, -12.7312, 70.3144



123.5200, -12.0884, 3.9290



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.



179.0800, -48.3534, 15.7158



227.3220, -75.5877, 24.2736



169.4240, -43.5930, -17.9118



97.9740, -3.9312, 0.8998



137.9610, -68.0148, 21.9592



30.1350, -14.8566, 5.1436

Inverse Universe

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



98.9200, 48.3534, -15.7158



101.6780, 75.5877, -24.2736



108.5760, 43.5930, 17.9118



91.0260, 3.9312, -0.8998



25.0390, 68.0148, -21.9592



5.2780, 15.1459, -4.6288

Previews

White Background



This preview shows how the YUV color 179.0800, -48.3534, 15.7158 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 179.0800, -48.3534, 15.7158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

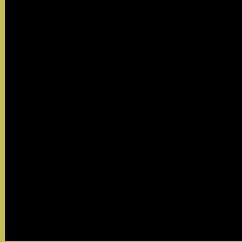
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 179.0800, -48.3534, 15.7158

Background



This preview shows how black text looks on a background with the YUV color 179.0800, -48.3534, 15.7158.



This preview shows how white text looks on a background with the YUV color 179.0800, -48.3534, 15.7158.

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

179.0800, -48.3534, 15.7158

Protanopia

179.8960, -49.2487, 22.8932

Deuteranopia

182.2450, -48.4348, 41.8811



Tritanopia

187.5660, 1.6930, 17.0436

Trichromacy



Original Color

179.0800, -48.3534, 15.7158

Protanomaly

179.5860, -49.0959, 20.5341

Deuteranomaly

180.8910, -48.2603, 32.5446

Tritanomaly

184.1580, -16.3469, 16.5244

Monochromacy



Original Color

179.0800, -48.3534, 15.7158

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.3370, -17.9141, 5.8435

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.0800, -48.3534, 15.7158 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(197, 189, 81)` looks like.

```
.text, #text, p{  
    color:rgb(197, 189, 81)  
}
```

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(197, 189, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 189, 81) }
```

Border

The CSS property to change the border of an element to YUV 179.0800, -48.3534, 15.7158 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(197, 189, 81) }
```


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

```
.border{ border-color:rgb(197, 189, 81) }
```

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

Here you see how a box with a 4 pixel rgb(197, 189, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 189, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 189, 81);  
box-shadow:4px 4px 4px 4px rgb(197, 189,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 179.0800, -48.3534, 15.7158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 189, 81) }
```

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

```
.background{ background-color: rgb(197,  
189, 81) }
```

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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