

Converting Colors

YUV(181.5180, -89.4884,
49.5347)

Have a look what the booklet for
YUV(181.5180, -89.4884, 49.5347)
contains.

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Color

**YUV(181.5180, -89.4884,
49.5347)**

Conversions

Conversions Part 1

Format	Color
Hex	EEBC00
RGB	238, 188, 0
RGB Percent	93%, 74%, 0%
CMY	0.0667, 0.2627, 1.0000
CMYK	0.00, 0.21, 1.00, 0.07
HSL	47°, 100%, 47%
HSV	47°, 100%, 93%
XYZ	53.2431, 54.1436, 7.6445
YIQ	181.5180, 90.1480, -47.8680

Conversions

Conversions Part 2

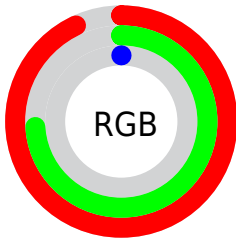
Format	Color
RYB	63, 238, 0
Decimal	15645696
CIELab	78.55, 4.65, 80.50
CIELCh	79, 80.636, 86.695
Yxy	54.1436, 0.4629, 0.4707
Android (android.graphics.Color)	4293835776 (0xFFEEBC00)
YUV	181.5180, -89.4884, 49.5347
Hunter-Lab	73.5823, 0.3910, 45.3479

Details

The YUV color **181.5180, -89.4884, 49.5347** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **56.4820, 89.4884, -49.5347**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.9350, -71.9460, 22.8590**, and **132.1680, -65.1588, 39.3177** is the 20% darker color. If you saturate the color by 10%, you get **181.5180, -89.4884, 49.5347**, and if you desaturate by 10%, it is **187.1890, -80.4522, 44.5612**.

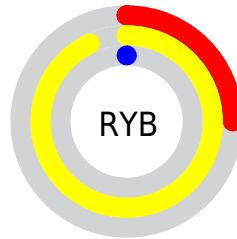
Distribution



Red (93%)

Green (74%)

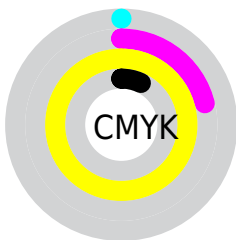
Blue (0%)



Red (25%)

Yellow (93%)

Blue (0%)

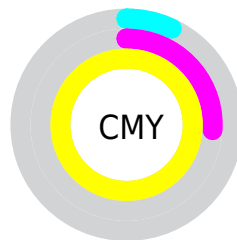


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (26%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.5180, -89.4884, 49.5347 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 181.5180, -89.4884, 49.5347 by changing the saturation by 10% instead.

181.5180,
-89.4884, 49.5347

181.5180,
-89.4884, 49.5347

255.0000, 0.0000,
0.0000

156.4000,
-77.1052, 44.3762

228.9350,
-71.9460, 22.8590

132.1680,
-65.1588, 39.3177

238.6980,
-62.4621, 14.2969

108.5230,
-53.5018, 33.7443

242.0040,
-49.7950, 11.3975

85.7640, -42.2817,
28.2710

245.3100,
-37.1278, 8.4981

63.5920, -31.3509,
22.2828

248.6160,
-24.4607, 5.5988

43.1920, -21.2937,
16.4946

251.9220,

23.9770, -11.8207,

-11.7935, 2.6994

11.4212

■ 0.0000, 0.0000,
0.0000

■ 181.5180,
-89.4884, 49.5347

■ 187.1890,
-80.4522, 44.5612

■ 192.8600,
-71.4160, 39.5878

■ 198.4170,
-62.8166, 34.7143

■ 204.0880,
-53.7804, 29.7408

■ 209.7590,
-44.7442, 24.7674

■ 215.4300,
-35.7080, 19.7939

■ 221.1010,
-26.6718, 14.8204

■ 226.6580,
-18.0724, 9.9469

■ 232.3290, -9.0362,
4.9735

Harmonies

Analogous

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



176.5150, -54.4839, 68.8313



181.5180, -89.4884, 49.5347



176.9370, -68.4959, -10.4687

Triad

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



181.5180, -89.4884, 49.5347



163.4930, 45.1130, -143.3834



189.8430, 32.1224, 57.1427

Complementary

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



181.5180, -89.4884, 49.5347



56.4820, 89.4884, -49.5347

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.



186.4790, 33.7809, -8.3131



181.5180, -89.4884, 49.5347



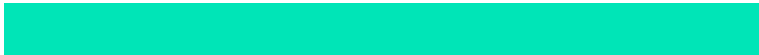
159.3840, 47.1387, -139.7798

Square

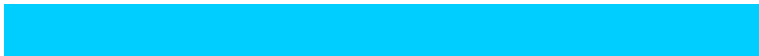
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



181.5180, -89.4884, 49.5347



155.2850, 13.6635, -136.1849



149.9920, 51.7689, -131.5430



169.5820, 17.9541, 74.9116

Rectangle

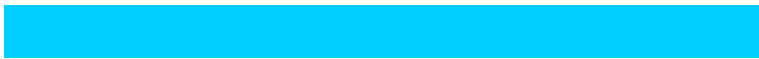
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



181.5180, -89.4884, 49.5347



168.2140, -42.0105, -58.9467



149.9920, 51.7689, -131.5430



194.8050, 29.6761, 48.4060

Sweetspot

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



181.5180, -89.4884, 49.5347



236.9440, -28.5664, 15.8351



77.0900, -12.3694, 141.1181



116.8860, -17.1988, 9.7470



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.



181.5180, -89.4884, 49.5347



194.2320, -95.7564, 53.2935



190.8350, -94.0817, -17.3953



116.8710, -4.3734, 2.7441



140.1310, -69.0846, 38.4731



42.5720, -20.9880, 11.7764

Inverse Universe

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



56.4820, 89.4884, -49.5347



60.7680, 95.7564, -53.2935



47.1650, 94.0817, 17.3953



110.5420, 4.6628, -2.2293



43.8690, 69.0846, -38.4731



13.4280, 20.9880, -11.7764

Previews

White Background



This preview shows how the YUV color 181.5180, -89.4884, 49.5347 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 181.5180, -89.4884, 49.5347 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 181.5180, -89.4884, 49.5347

Background



This preview shows how black text looks on a background with the YUV color 181.5180, -89.4884, 49.5347.



This preview shows how white text looks on a background with the YUV color 181.5180, -89.4884,

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



Protanopia

181.4990, -84.0560, 33.7654

Deuteranopia

183.2720, -82.9581, 55.0125

Tritanopia

198.3090, -5.0823, 43.5790

Trichromacy



Protanomaly

181.3750, -85.9669, 40.0131

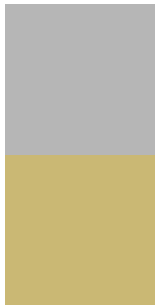
Deuteranomaly

182.3920, -84.9893, 53.1532

Tritanomaly

192.2960, -35.6419, 45.3444

Monochromacy



Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

181.6300, -32.3556, 17.8645

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.5180, -89.4884, 49.5347 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(238, 188, 0)` looks like.

```
.text, #text, p{  
    color:rgb(238, 188, 0)  
}
```

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(238, 188, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 188, 0) }
```

Border

The CSS property to change the border of an element to YUV 181.5180, -89.4884, 49.5347 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(238, 188, 0) }
```

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

```
.border{ border-color:rgb(238, 188, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 188, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 188, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 188, 0);  
box-shadow:4px 4px 4px 4px rgb(238, 188,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 181.5180, -89.4884, 49.5347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 188, 0) }
```

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

```
.background{ background-color: rgb(238,  
188, 0) }
```

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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