

Converting Colors

YUV(179.8450, -88.6636,
65.0339)

Have a look what the booklet for
YUV(179.8450, -88.6636, 65.0339)
contains.

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Color

**YUV(179.8450, -88.6636,
65.0339)**

Conversions

Conversions Part 1

Format	Color
Hex	FEB100
RGB	254, 177, 0
RGB Percent	100%, 69%, 0%
CMY	0.0039, 0.3059, 1.0000
CMYK	0.00, 0.30, 1.00, 0.00
HSL	42°, 100%, 50%
HSV	42°, 100%, 100%
XYZ	56.5952, 52.5151, 7.1535
YIQ	179.8450, 102.7090, -38.7230

Conversions

Conversions Part 2

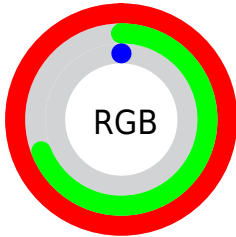
Format	Color
R_{YB}	110, 254, 0
Decimal	16691456
CIE _{Lab}	77.59, 17.25, 80.66
CIE _{LCh}	78, 82.481, 77.928
Yxy	52.5151, 0.4868, 0.4517
Android (android.graphics.Color)	4294881536 (0xFFFE _{B100})
YUV	179.8450, -88.6636, 65.0339
Hunter-Lab	72.4673, 12.5863, 44.8744

Details

The YUV color **179.8450, -88.6636, 65.0339** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **74.1550, 88.6636, -65.0339**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.7770, -68.9101, 29.1366**, and **130.4840, -64.3286, 53.0725** is the 20% darker color. If you saturate the color by 10%, you get **179.8450, -88.6636, 65.0339**, and if you desaturate by 10%, it is **187.3910, -80.0588, 58.4161**.

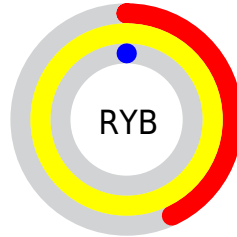
Distribution



Red (100%)

Green (69%)

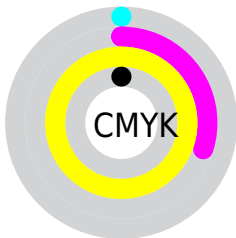
Blue (0%)



Red (43%)

Yellow (100%)

Blue (0%)

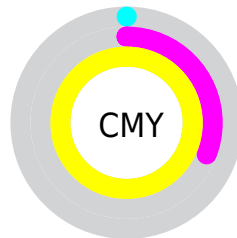


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.8450, -88.6636, 65.0339 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 179.8450, -88.6636, 65.0339 by changing the saturation by 10% instead.

179.8450,
-88.6636, 65.0339

179.8450,
-88.6636, 65.0339

255.0000, 0.0000,
0.0000

154.4280,
-76.1330, 59.2606

221.7770,
-68.9101, 29.1366

130.4840,
-64.3286, 53.0725

238.5840,
-62.8989, 14.3968

106.8390,
-52.6716, 47.4992

241.7760,
-50.6686, 11.5974

83.7810, -41.3040,
41.4111

245.0820,
-38.0014, 8.6981

61.3100, -30.2258,
34.8081

248.3880,
-25.3343, 5.7987

40.6110, -20.0212,
28.4052

251.6940,

20.5100, -10.1114,

-12.6671, 2.8994

23.2317

■ 5.0830, -2.5059,
10.4512

■ 0.0000, 0.0000,
0.0000

■ 179.8450,
-88.6636, 65.0339

■ 187.3910,
-80.0588, 58.4161

■ 194.4640,
-70.7278, 52.2131

■ 202.0100,
-62.1229, 45.5952

■ 209.6700,
-53.0813, 38.8774

■ 217.2160,
-44.4765, 32.2596

■ 224.1750,
-35.5823, 26.1565

■ 231.8350,
-26.5407, 19.4387

■ 239.3810,
-17.9358, 12.8209

■ 246.4540, -8.6048,
6.6178

Harmonies

Analogous

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



169.7790, -44.7540, 74.7388



179.8450, -88.6636, 65.0339



173.8890, -85.7273, 9.7443

Triad

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



179.8450, -88.6636, 65.0339



160.2670, 37.8294, -140.5542



192.4680, 30.8283, 52.2096

Complementary

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



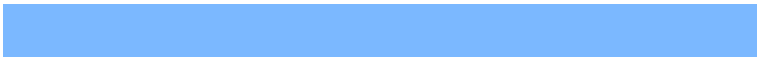
179.8450, -88.6636, 65.0339



74.1550, 88.6636, -65.0339

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.



173.8550, 40.0045, -44.5998



179.8450, -88.6636, 65.0339



159.9710, 46.8493, -140.2946

Square

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



179.8450, -88.6636, 65.0339



149.9730, 3.4643, -131.5263



151.7530, 50.9008, -133.0874



171.2750, 26.9794, 73.4268

Rectangle

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



179.8450, -88.6636, 65.0339



169.3880, -55.9003, -37.1743



151.7530, 50.9008, -133.0874



189.9440, 32.0726, 26.3591

Sweetspot

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



179.8450, -88.6636, 65.0339



232.8350, -26.5407, 19.4387



85.0660, -2.4975, 148.1551



114.5380, -16.0412, 11.8062



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.



179.8450, -88.6636, 65.0339



180.7310, -89.1004, 65.1339



210.9910, -104.0186, -3.5001



124.1700, -4.5208, 3.3589



135.1800, -66.6437, 48.9541



44.9640, -22.1673, 16.6946

Inverse Universe

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



74.1550, 88.6636, -65.0339



74.2690, 89.1004, -65.1339



43.0090, 104.0186, 3.5001



118.8300, 4.5208, -3.3589



55.8200, 66.6437, -48.9541



18.4490, 22.4566, -16.1798

Previews

White Background



This preview shows how the YUV color 179.8450, -88.6636, 65.0339 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 179.8450, -88.6636, 65.0339 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 179.8450, -88.6636, 65.0339

Background



This preview shows how black text looks on a background with the YUV color 179.8450, -88.6636, 65.0339.



This preview shows how white text looks on a background with the YUV color 179.8450, -88.6636, 65.0339.

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

179.9980, -80.8510, 32.4508

Deuteranopia

179.4910, -88.4891, 55.6974

Tritanopia

195.2670, -8.0196, 52.3858

Trichromacy



Protanomaly

179.6790, -83.6517, 44.1315

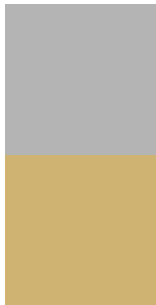
Deuteranomaly

179.5130, -88.4999, 59.1861

Tritanomaly

189.6180, -37.2797, 57.3400

Monochromacy



Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.0760, -32.0825, 23.6123

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.8450, -88.6636, 65.0339 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(254, 177, 0)` looks like.

```
.text, #text, p{  
    color:rgb(254, 177, 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(254, 177, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 177, 0) }
```

Border

The CSS property to change the border of an element to YUV 179.8450, -88.6636, 65.0339 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(254, 177, 0) }
```

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

```
.border{ border-color:rgb(254, 177, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 177, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 177, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 177, 0);  
box-shadow:4px 4px 4px 4px rgb(254, 177,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 179.8450, -88.6636, 65.0339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 177, 0) }
```

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

```
.background{ background-color: rgb(254,  
177, 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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