

Converting Colors

YUV(157.4400, -53.9539,
85.5601)

Have a look what the booklet for
YUV(157.4400, -53.9539, 85.5601)
contains.

YUV(157.4400, -53.9539, 85.5601)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(157.4400, -53.9539,
85.5601)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8130
RGB	255, 129, 48
RGB Percent	100%, 51%, 19%
CMY	0.0000, 0.4941, 0.8118
CMYK	0.00, 0.49, 0.81, 0.00
HSL	23°, 100%, 59%
HSV	23°, 81%, 100%
XYZ	49.6238, 37.1739, 7.3561
YIQ	157.4400, 101.0970, 1.5210

Conversions

Conversions Part 2

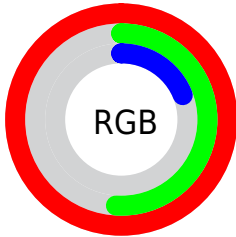
Format	Color
R _Y B	255, 181, 48
Decimal	16744752
CIE Lab	67.41, 43.10, 62.35
CIE LCh	67, 75.795, 55.346
Yxy	37.1739, 0.5270, 0.3948
Android (android.graphics.Color)	4294934832 (0xFFFF8130)
YUV	157.4400, -53.9539, 85.5601
Hunter-Lab	60.9704, 38.5827, 35.5259

Details

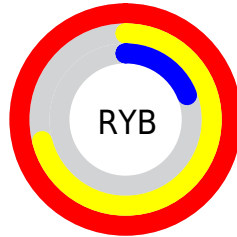
The YUV color **157.4400, -53.9539, 85.5601** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **145.5600, 53.9539, -85.5601**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.7670, -46.7201, 51.9473**, and **102.3080, -50.4378, 77.7829** is the 20% darker color. If you saturate the color by 10%, you get **145.1980, -60.2436, 96.2964**, and if you desaturate by 10%, it is **169.7960, -47.2274, 74.7239**.

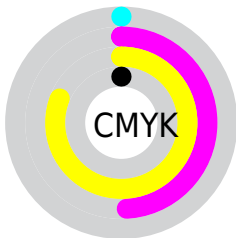
Distribution



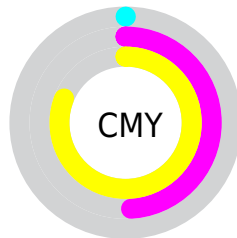
- Red (100%)
- Green (51%)
- Blue (19%)



- Red (100%)
- Yellow (71%)
- Blue (19%)



- Cyan (0%)
- Magenta (49%)
- Yellow (81%)
- Black (0%)



- Cyan (0%)
- Magenta (49%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.4400, -53.9539, 85.5601 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 157.4400, -53.9539, 85.5601 by changing the saturation by 10% instead.

157.4400,
-53.9539, 85.5601

157.4400,
-53.9539, 85.5601

255.0000, 0.0000,
0.0000

129.1900,
-54.8167, 82.2714

195.7670,
-46.7201, 51.9473

102.3080,
-50.4378, 77.7829

215.1670,
-43.4663, 34.9335

77.7770, -38.3441,
72.1096

235.2680,
-40.0651, 17.3050

52.0720, -25.6715,
67.4659

246.6780,
-31.8863, 7.2984

29.6010, -14.5933,
60.8629

249.8700,
-19.6559, 4.4990

20.9300, -10.3185,
43.0344

253.1760, -6.9888,

13.2700, -6.0491,

1.5996

26.9502

■ 0.0000, 0.0000,
0.0000

■ 157.4400,
-53.9539, 85.5601

■ 157.4400,
-53.9539, 85.5601

■ 145.1980,
-60.2436, 96.2964

■ 169.7960,
-47.2274, 74.7239

■ 134.9450,
-66.5279, 105.2882

■ 181.4510,
-40.6483, 64.5025

■ 193.8070,
-33.9219, 53.6663

■ 205.4620,
-27.3428, 43.4448

■ 217.8180,
-20.6163, 32.6086

■ 229.4730,
-14.0372, 22.3872

■ 241.8290, -7.3107,
11.5510

■ 253.4840, -0.7316,
1.3295

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



147.4850, -18.4801, 94.2907



157.4400, -53.9539, 85.5601



153.4540, -75.6528, 45.2058

Triad

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



157.4400, -53.9539, 85.5601



131.6790, 9.5253, -115.4825



159.5670, 47.0485, -17.1603

Complementary

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



157.4400, -53.9539, 85.5601



145.5600, 53.9539, -85.5601

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.



132.3820, 60.4507, -116.0990



157.4400, -53.9539, 85.5601



139.6590, 40.1011, -122.4809

Square

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



157.4400, -53.9539, 85.5601



125.5590, -21.9676, -94.3292



140.6000, 56.3992, -123.3062



167.5320, 37.2057, 60.0464

Rectangle

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



157.4400, -53.9539, 85.5601



149.7010, -73.8026, 11.6632



140.6000, 56.3992, -123.3062



147.5080, 52.9936, -57.4505

Sweetspot

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



157.4400, -53.9539, 85.5601



226.3270, -15.9372, 25.1462



124.4850, 25.3969, 114.4617



110.2810, -9.5055, 15.5396



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.



157.4400, -53.9539, 85.5601



138.2050, -64.1911, 102.4292



217.3140, -83.4718, 33.0506



121.8220, -3.3632, 5.4181



101.1340, -49.8591, 78.8125



33.8110, -16.6688, 26.4758

Inverse Universe

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



145.5600, 53.9539, -85.5601



124.2080, 64.4805, -101.9144



85.6860, 83.4718, -33.0506



121.1780, 3.3632, -5.4181



89.8660, 49.8591, -78.8125



30.1890, 16.6688, -26.4758

Previews

White Background



This preview shows how the YUV color 157.4400, -53.9539, 85.5601 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 157.4400, -53.9539, 85.5601 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 157.4400, -53.9539, 85.5601 Background



This preview shows how black text looks on a background with the YUV color 157.4400, -53.9539, 85.5601.



This preview shows how white text looks on a background with the YUV color 157.4400, -53.9539, 85.5601.

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

157.4400, -53.9539, 85.5601

Protanopia

158.3690, -49.9749, 22.4784

Deuteranopia

157.6830, -59.4967, 43.2510



Tritanopia

163.3800, -15.9633, 80.3507

Trichromacy



Original Color

157.4400, -53.9539, 85.5601

Protanomaly

158.1700, -51.3558, 45.4549

Deuteranomaly

157.3520, -57.3615, 58.4503

Tritanomaly

161.1340, -29.6461, 82.3205

Monochromacy



Original Color

157.4400, -53.9539, 85.5601

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.3340, -19.8847, 31.2791

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.4400, -53.9539, 85.5601 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(255, 129, 48)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 48)  
}
```

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(255, 129, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 48) }
```

Border

The CSS property to change the border of an element to YUV 157.4400, -53.9539, 85.5601 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(255, 129, 48) }
```


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

```
.border{ border-color:rgb(255, 129, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 129, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 48);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 157.4400, -53.9539, 85.5601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 48) }
```

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

```
.background{ background-color: rgb(255,  
129, 48) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor