

Converting Colors

YUV(158.7060, -33.8721,
84.4498)

Have a look what the booklet for
YUV(158.7060, -33.8721, 84.4498)
contains.

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Color

**YUV(158.7060, -33.8721,
84.4498)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7B5A
RGB	255, 123, 90
RGB Percent	100%, 48%, 35%
CMY	0.0000, 0.5176, 0.6471
CMYK	0.00, 0.52, 0.65, 0.00
HSL	12°, 100%, 68%
HSV	12°, 65%, 100%
XYZ	50.1684, 36.1641, 14.0091
YIQ	158.7060, 89.2650, 17.7210

Conversions

Conversions Part 2

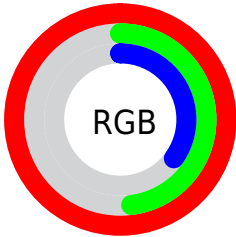
Format	Color
R _Y B	255, 131, 90
Decimal	16743258
CIE Lab	66.65, 47.85, 41.52
CIE LCh	67, 63.356, 40.951
Yxy	36.1641, 0.5000, 0.3604
Android (android.graphics.Color)	4294933338 (0xFFFF7B5A)
YUV	158.7060, -33.8721, 84.4498
Hunter-Lab	60.1366, 43.6730, 28.2838

Details

The YUV color **158.7060, -33.8721, 84.4498** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **186.2940, 33.8721, -84.4498**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.8050, -27.5119, 51.0370**, and **103.4000, -29.7772, 77.7022** is the 20% darker color. If you saturate the color by 10%, you get **144.1160, -39.0042, 97.2453**, and if you desaturate by 10%, it is **173.4100, -28.3031, 71.5544**.

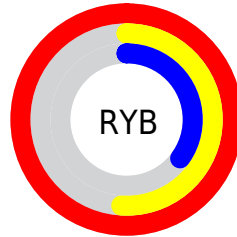
Distribution



Red (100%)

Green (48%)

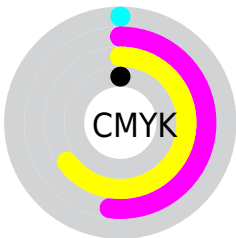
Blue (35%)



Red (100%)

Yellow (51%)

Blue (35%)

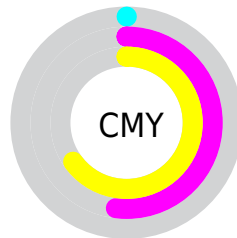


Cyan (0%)

Magenta (52%)

Yellow (65%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.7060, -33.8721, 84.4498 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 158.7060, -33.8721, 84.4498 by changing the saturation by 10% instead.

158.7060,
-33.8721, 84.4498

158.7060,
-33.8721, 84.4498

255.0000, 0.0000,
0.0000

130.5530,
-31.8246, 81.0760

196.8050,
-27.5119, 51.0370

103.4000,
-29.7772, 77.7022

216.3190,
-23.8213, 33.9232

75.3720, -27.2984,
75.9728

236.4200,
-20.4201, 16.2947

42.6910, -21.0467,
77.4470

251.3520,
-13.9775, 3.1993

30.1990, -14.8881,
62.0925

254.6580, -1.3104,
0.2999

21.5280, -10.6133,
44.2639

13.5690, -6.1965,

27.5650

■ 0.0000, 0.0000,
0.0000

■ 158.7060,
-33.8721, 84.4498

■ 158.7060,
-33.8721, 84.4498

■ 144.1160,
-39.0042, 97.2453

■ 173.4100,
-28.3031, 71.5544

■ 128.8250,
-44.2837, 110.6555

■ 188.5870,
-23.4604, 58.2442

■ 114.2350,
-49.4159, 123.4509

■ 203.2910,
-17.8915, 45.3488

■ 106.1820,
-52.3477, 130.5134

■ 218.4680,
-13.0487, 32.0386

■ 233.1720, -7.4798,
19.1432

247.7620, -2.3477,
6.3477

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.



155.9430, -6.3809, 86.8730



158.7060, -33.8721, 84.4498



157.2530, -53.8617, 55.9061

Triad

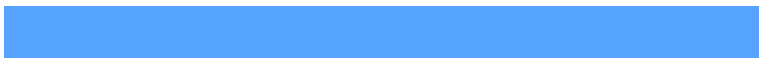
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



158.7060, -33.8721, 84.4498



123.7910, -0.3900, -108.5647



149.8780, 51.8251, -56.0210

Complementary

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



158.7060, -33.8721, 84.4498



186.2940, 33.8721, -84.4498

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.



133.5560, 59.8719, -117.1286



158.7060, -33.8721, 84.4498



132.2780, 24.5129, -116.0078

Square

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



158.7060, -33.8721, 84.4498



145.9430, -37.4399, -31.5220



136.6730, 48.9682, -119.8622



166.8000, 40.5246, 22.1004

Rectangle

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



158.7060, -33.8721, 84.4498



154.7200, -59.0220, 30.9406



136.6730, 48.9682, -119.8622



127.6860, 62.7658, -111.9806

Sweetspot

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



158.7060, -33.8721, 84.4498



226.6350, -9.6801, 24.8761



154.3830, 33.3352, 88.2411



110.4920, -6.1586, 15.3545



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.



158.7060, -33.8721, 84.4498



138.9810, -40.9096, 101.7487



207.4270, -57.8915, 41.7215



120.0610, -2.4951, 6.9625



79.4150, -39.1516, 97.8600



26.7670, -13.1961, 32.6533

Inverse Universe

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



186.2940, 33.8721, -84.4498



172.0190, 40.9096, -101.7487



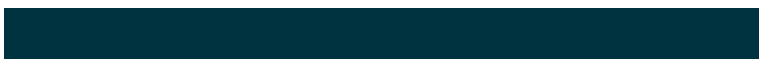
137.5730, 57.8915, -41.7215



122.3520, 2.7845, -6.4477



111.5850, 39.1516, -97.8600



37.2330, 13.1961, -32.6533

Previews

White Background



This preview shows how the YUV color 158.7060, -33.8721, 84.4498 looks on a white background.

Color Contrast Check

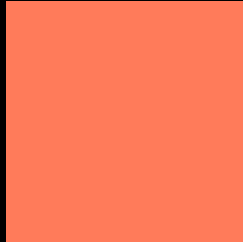
Large Text (above 18pt) WCAG AA × Fail

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 158.7060, -33.8721, 84.4498 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 158.7060, -33.8721, 84.4498

Background



This preview shows how black text looks on a background with the YUV color 158.7060, -33.8721, 84.4498.



This preview shows how white text looks on a background with the YUV color 158.7060, -33.8721, 84.4498.

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

158.7060, -33.8721, 84.4498

Protanopia

159.8730, -27.5454, 15.0204

Deuteranopia

160.3610, -37.6460, 34.7634



Tritanopia

161.1630, -16.8424, 82.2950

Trichromacy



Original Color

158.7060, -33.8721, 84.4498

Protanomaly

159.4570, -29.8053, 39.9412

Deuteranomaly

159.5250, -36.2478, 53.0366

Tritanomaly

160.2680, -22.8101, 83.0800

Monochromacy



Original Color

158.7060, -33.8721, 84.4498

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.9840, -12.3171, 30.7090

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.7060, -33.8721, 84.4498 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, 123, 90)` looks like.

```
.text, #text, p{  
    color:rgb(255, 123, 90)  
}
```

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, 123, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 123, 90) }
```

Border

The CSS property to change the border of an element to YUV 158.7060, -33.8721, 84.4498 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, 123, 90) }
```


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

```
.border{ border-color:rgb(255, 123, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 123, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 123, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 123, 90);  
box-shadow:4px 4px 4px 4px rgb(255, 123,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 158.7060, -33.8721, 84.4498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 123, 90) }
```

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

```
.background{ background-color: rgb(255,  
123, 90) }
```

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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