

Converting Colors

YUV(153.2500, -35.6193,
84.8498)

Have a look what the booklet for
YUV(153.2500, -35.6193, 84.8498)
contains.

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Color

**YUV(153.2500, -35.6193,
84.8498)**

Conversions

Conversions Part 1

Format	Color
Hex	FA7651
RGB	250, 118, 81
RGB Percent	98%, 46%, 32%
CMY	0.0196, 0.5373, 0.6824
CMYK	0.00, 0.53, 0.68, 0.02
HSL	13°, 94%, 65%
HSV	13°, 68%, 98%
XYZ	47.3880, 33.8749, 11.8255
YIQ	153.2500, 90.5490, 16.4770

Conversions

Conversions Part 2

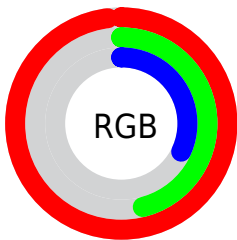
Format	Color
R_{YB}	250, 128, 81
Decimal	16414289
CIE _{Lab}	64.86, 47.92, 44.00
CIE _{LCh}	65, 65.058, 42.553
Yxy	33.8749, 0.5091, 0.3639
Android (android.graphics.Color)	4294604369 (0xFFFA7651)
YUV	153.2500, -35.6193, 84.8498
Hunter-Lab	58.2022, 43.4801, 28.6950

Details

The YUV color **153.2500, -35.6193, 84.8498** is a light color, and the websafe version is hex **FF6633**. The color can be described as light muted orange. A complement of this color would be **177.7500, 35.6193, -84.8498**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.8440, -29.9961, 54.5108**, and **97.9440, -31.5244, 78.1021** is the 20% darker color. If you saturate the color by 10%, you get **138.6600, -40.7514, 97.6452**, and if you desaturate by 10%, it is **167.8400, -30.4871, 72.0543**.

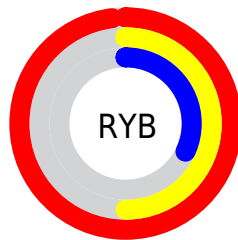
Distribution



Red (98%)

Green (46%)

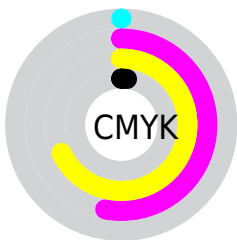
Blue (32%)



Red (98%)

Yellow (50%)

Blue (32%)

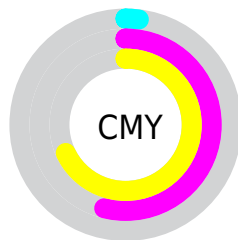


Cyan (0%)

Magenta (53%)

Yellow (68%)

Black (2%)



Cyan (2%)

Magenta (54%)

Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YUV color 153.2500, -35.6193, 84.8498 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 153.2500, -35.6193, 84.8498 by changing the saturation by 10% instead.


 153.2500,
-35.6193, 84.8498


 153.2500,
-35.6193, 84.8498


255.0000, 0.0000,
0.0000


 125.0970,
-33.5718, 81.4759


 192.8440,
-29.9961, 54.5108

 97.9440, -31.5244,
78.1021


 212.2440,
-26.7423, 37.4970


 69.3890, -29.7718,
75.9578


 232.3450,
-23.3411, 19.8684

 37.6740, -18.5733,
77.4619

 250.2120,
-18.3455, 4.1991

 28.7040, -14.1511,
59.0186

 253.5180, -5.6784,
1.2997

 20.0330, -9.8763,
41.1901

 11.7750, -5.3121,

23.8763

■ 0.0000, 0.0000,
0.0000

■ 153.2500,
-35.6193, 84.8498

■ 153.2500,
-35.6193, 84.8498

■ 138.6600,
-40.7514, 97.6452

■ 167.8400,
-30.4871, 72.0543

■ 124.6570,
-46.1729, 109.9258

■ 181.8430,
-25.0656, 59.7737

■ 110.0670,
-51.3050, 122.7212

■ 196.4330,
-19.9335, 46.9783

■ 107.0350,
-52.7683, 125.3803

■ 210.4360,
-14.5119, 34.6976

■ 225.0260, -9.3798,
21.9022

■ 239.0290, -3.9583,
9.6216

■ 253.5050, 0.7370,
-3.0739

Harmonies

Analogous

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



150.9220, -7.8495, 91.2764



153.2500, -35.6193, 84.8498



151.8570, -56.6245, 55.3764

Triad

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



153.2500, -35.6193, 84.8498



121.1010, -0.5428, -106.2056



145.7580, 53.8563, -54.1618

Complementary

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



153.2500, -35.6193, 84.8498



177.7500, 35.6193, -84.8498

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.



130.6210, 61.3188, -114.5546



153.2500, -35.6193, 84.8498



129.2290, 25.5231, -113.3338

Square

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



153.2500, -35.6193, 84.8498



140.0240, -36.9868, -36.8550



133.6240, 49.9784, -117.1882



161.8220, 40.5138, 25.5891

Rectangle

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



153.2500, -35.6193, 84.8498



148.3840, -62.8003, 29.4812



133.6240, 49.9784, -117.1882



124.7510, 64.2128, -109.4066

Sweetspot

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



153.2500, -35.6193, 84.8498



225.7060, -10.7011, 25.6908



146.5790, 32.7456, 90.7002



110.3780, -6.5954, 15.4545



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.



153.2500, -35.6193, 84.8498



136.8950, -43.8252, 103.5781



202.5580, -59.9281, 41.6066



117.6480, -2.7845, 6.4477



80.5780, -39.7250, 95.0861



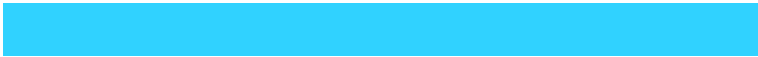
25.8700, -12.7539, 30.8090

Inverse Universe

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



177.7500, 35.6193, -84.8498



166.6920, 43.5358, -104.0929



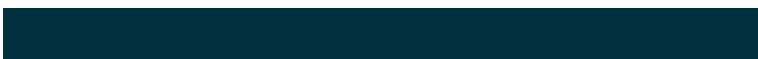
128.4420, 59.9281, -41.6066



119.3520, 2.7845, -6.4477



107.8350, 40.0143, -94.5713



35.1300, 12.7539, -30.8090

Previews

White Background



This preview shows how the YUV color 153.2500, -35.6193, 84.8498 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 153.2500, -35.6193, 84.8498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

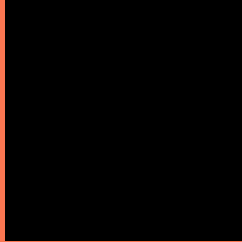
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.2500, -35.6193, 84.8498

Background



This preview shows how black text looks on a background with the YUV color 153.2500, -35.6193, 84.8498.



This preview shows how white text looks on a background with the YUV color 153.2500, -35.6193, 84.8498.

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

153.2500, -35.6193, 84.8498

Protanopia

155.3030, -29.7294, 15.5203

Deuteranopia

154.7910, -39.8300, 35.2633



Tritanopia

155.4730, -16.9952, 84.6542

Trichromacy



Original Color

153.2500, -35.6193, 84.8498

Protanomaly

154.3000, -31.6999, 40.9559

Deuteranomaly

154.0690, -37.9950, 53.4365

Tritanomaly

154.6380, -23.9785, 84.5095

Monochromacy



Original Color

153.2500, -35.6193, 84.8498

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.8700, -12.7539, 30.8090

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.2500, -35.6193, 84.8498 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(250, 118, 81)` looks like.

```
.text, #text, p{  
    color:rgb(250, 118, 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(250, 118, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 118, 81) }
```

Border

The CSS property to change the border of an element to YUV 153.2500, -35.6193, 84.8498 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(250, 118, 81) }
```


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

```
.border{ border-color:rgb(250, 118, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 118, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 118, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 118, 81);  
box-shadow:4px 4px 4px 4px rgb(250, 118,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 153.2500, -35.6193, 84.8498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 118, 81) }
```

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

```
.background{ background-color: rgb(250,  
118, 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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