

Converting Colors

YUV(153.5450, -43.1597,
76.6980)

Have a look what the booklet for
YUV(153.5450, -43.1597, 76.6980)
contains.

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Color

**YUV(153.5450, -43.1597,
76.6980)**

Conversions

Conversions Part 1

Format	Color
Hex	F17E42
RGB	241, 126, 66
RGB Percent	95%, 49%, 26%
CMY	0.0549, 0.5059, 0.7412
CMYK	0.00, 0.48, 0.73, 0.05
HSL	21°, 86%, 60%
HSV	21°, 73%, 95%
XYZ	44.7199, 34.0158, 9.3630
YIQ	153.5450, 87.8000, 5.7200

Conversions

Conversions Part 2

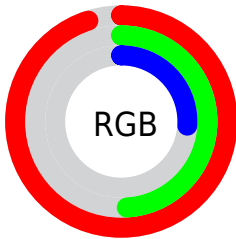
Format	Color
R_{YB}	241, 157, 66
Decimal	15826498
CIE _{Lab}	64.98, 39.86, 51.34
CIE _{LCh}	65, 64.991, 52.174
Yxy	34.0158, 0.5076, 0.3861
Android (android.graphics.Color)	4294016578 (0xFFFF17E42)
YUV	153.5450, -43.1597, 76.6980
Hunter-Lab	58.3231, 34.8014, 31.3080

Details

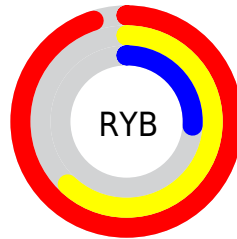
The YUV color **153.5450, -43.1597, 76.6980** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **153.4550, 43.1597, -76.6980**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.2430, -38.5738, 52.4069**, and **98.5550, -41.6856, 70.5503** is the 20% darker color. If you saturate the color by 10%, you get **141.4170, -49.0126, 87.3343**, and if you desaturate by 10%, it is **165.6730, -37.3068, 66.0618**.

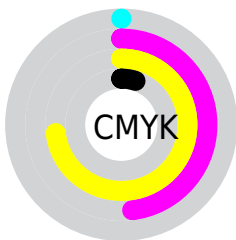
Distribution



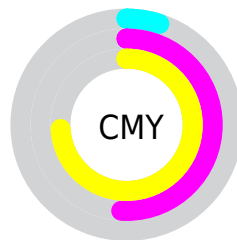
- Red (95%)
- Green (49%)
- Blue (26%)



- Red (95%)
- Yellow (62%)
- Blue (26%)



- Cyan (0%)
- Magenta (48%)
- Yellow (73%)
- Black (5%)



- Cyan (5%)
- Magenta (51%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.5450, -43.1597, 76.6980 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 153.5450, -43.1597, 76.6980 by changing the saturation by 10% instead.

153.5450,
-43.1597, 76.6980

153.5450,
-43.1597, 76.6980

255.0000, 0.0000,
0.0000

126.1640,
-41.9859, 73.5242

195.2430,
-38.5738, 52.4069

98.5550, -41.6856,
70.5503

214.6430,
-35.3200, 35.3931

73.0150, -35.9964,
65.7618

234.7440,
-31.9188, 17.7645

48.1960, -23.7606,
61.2181

248.5020,
-24.8975, 5.6987

26.6110, -13.1192,
54.7152

251.6940,
-12.6671, 2.8994

18.2390, -8.9918,
37.5014

9.6820, -4.2802,

19.5729

■ 0.0000, 0.0000,
0.0000

■ 153.5450,
-43.1597, 76.6980

■ 153.5450,
-43.1597, 76.6980

■ 141.4170,
-49.0126, 87.3343

■ 165.6730,
-37.3068, 66.0618

■ 129.2890,
-54.8655, 97.9705

■ 177.8010,
-31.4539, 55.4255


■ 120.7800,
-59.5445, 105.4329

■ 189.9290,
-25.6010, 44.7893


■ 201.4700,
-19.4587, 34.6678

■ 213.7120,
-13.1690, 23.9316

 225.8400, -7.3161,
13.2953

 237.9680, -1.4632,
2.6591

 249.6400, 2.6425,
-7.5773

 250.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



151.2180, -16.8695, 91.0168



153.5450, -43.1597, 76.6980



150.9280, -61.0965, 43.0361

Triad

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



153.5450, -43.1597, 76.6980



123.9680, 7.9038, -108.7199



155.1040, 49.2487, -22.8932

Complementary

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



153.5450, -43.1597, 76.6980



153.4550, 43.1597, -76.6980

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.



128.2730, 62.4764, -112.4954



153.5450, -43.1597, 76.6980



131.3950, 33.8223, -115.2334

Square

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



153.5450, -43.1597, 76.6980



135.0520, -26.1546, -57.9276



134.6330, 56.3829, -118.0731



162.1080, 33.4708, 44.6323

Rectangle

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



153.5450, -43.1597, 76.6980



147.2790, -60.2835, 15.5413



134.6330, 56.3829, -118.0731



145.1600, 54.1511, -55.3913

Sweetspot

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



153.5450, -43.1597, 76.6980



226.8970, -13.7532, 24.6463



131.6630, 25.3091, 95.8885



111.2100, -8.4845, 14.7248



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.



153.5450, -43.1597, 76.6980



143.9900, -54.7181, 97.3558



204.0270, -68.0473, 32.4253



113.9360, -2.9264, 5.3181



91.9970, -45.3545, 80.6866



27.8970, -13.7532, 24.6463

Inverse Universe

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



153.4550, 43.1597, -76.6980



144.0100, 54.7181, -97.3558



102.9730, 68.0473, -32.4253



114.0640, 2.9264, -5.3181



92.0030, 45.3545, -80.6866



28.1030, 13.7532, -24.6463

Previews

White Background



This preview shows how the YUV color 153.5450, -43.1597, 76.6980 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 153.5450, -43.1597, 76.6980 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 153.5450, -43.1597, 76.6980

Background



This preview shows how black text looks on a background with the YUV color 153.5450, -43.1597, 76.6980.



This preview shows how white text looks on a background with the YUV color 153.5450, -43.1597,

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

153.5450, -43.1597, 76.6980

Protanopia

153.7350, -38.3234, 18.6494

Deuteranopia

153.7930, -46.2399, 37.8925



Tritanopia

157.2870, -14.9315, 76.0473

Trichromacy



Original Color

153.5450, -43.1597, 76.6980

Protanomaly

153.4110, -40.1356, 39.9816

Deuteranomaly

153.5220, -45.1203, 52.1622

Tritanomaly

156.2410, -25.2618, 76.0876

Monochromacy



Original Color

153.5450, -43.1597, 76.6980

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0500, -15.8007, 28.0201

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.5450, -43.1597, 76.6980 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(241, 126, 66)` looks like.

```
.text, #text, p{  
    color:rgb(241, 126, 66)  
}
```

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(241, 126, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 126, 66) }
```

Border

The CSS property to change the border of an element to YUV 153.5450, -43.1597, 76.6980 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(241, 126, 66) }
```


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

```
.border{ border-color:rgb(241, 126, 66) }
```

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

Here you see how a box with a 4 pixel rgb(241, 126, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 126, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 126, 66);  
box-shadow:4px 4px 4px 4px rgb(241, 126,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 153.5450, -43.1597, 76.6980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 126, 66) }
```

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

```
.background{ background-color: rgb(241,  
126, 66) }
```

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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