

Converting Colors

YUV(153.4190, -75.6356,
86.4555)

Have a look what the booklet for
YUV(153.4190, -75.6356, 86.4555)
contains.

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Color

**YUV(153.4190, -75.6356,
86.4555)**

Conversions

Conversions Part 1

Format	Color
Hex	FC8500
RGB	252, 133, 0
RGB Percent	99%, 52%, 0%
CMY	0.0118, 0.4784, 1.0000
CMYK	0.00, 0.47, 1.00, 0.01
HSL	32°, 100%, 49%
HSV	32°, 100%, 99%
XYZ	48.5324, 37.4705, 4.6746
YIQ	153.4190, 113.6170, -16.1350

Conversions

Conversions Part 2

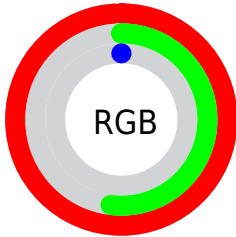
Format	Color
R_{YB}	225, 252, 0
Decimal	16549120
CIE _{Lab}	67.63, 39.17, 74.16
CIE _{LCh}	68, 83.866, 62.156
Yxy	37.4705, 0.5352, 0.4132
Android (android.graphics.Color)	4294739200 (0xFFFC8500)
YUV	153.4190, -75.6356, 86.4555
Hunter-Lab	61.2132, 34.3994, 38.3215

Details

The YUV color **153.4190, -75.6356, 86.4555** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **98.5810, 75.6356, -86.4555**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.3360, -59.8186, 53.2023**, and **103.7590, -51.1532, 73.8794** is the 20% darker color. If you saturate the color by 10%, you get **153.4190, -75.6356, 86.4555**, and if you desaturate by 10%, it is **163.3130, -68.1883, 77.7785**.

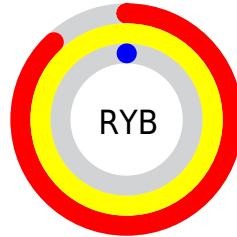
Distribution



Red (99%)

Green (52%)

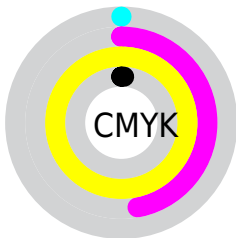
Blue (0%)



Red (88%)

Yellow (99%)

Blue (0%)

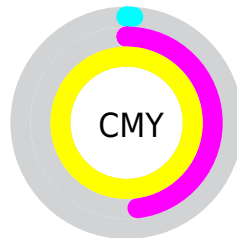


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.4190, -75.6356, 86.4555 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 153.4190, -75.6356, 86.4555 by changing the saturation by 10% instead.

153.4190,
-75.6356, 86.4555

153.4190,
-75.6356, 86.4555

255.0000, 0.0000,
0.0000

128.5890,
-63.3944, 80.1674

194.3360,
-59.8186, 53.2023

103.7590,
-51.1532, 73.8794

213.9640,
-55.6913, 35.9886

79.8150, -39.3488,
67.6912

234.1790,
-51.8532, 18.2600

55.8710, -27.5444,
61.5031

243.8280,
-42.8062, 9.7978

28.7040, -14.1511,
59.0186

247.0200,
-30.5759, 6.9985

20.0330, -9.8763,
41.1901

250.3260,

12.6720, -5.7543,

-17.9087, 4.0991

25.7207

253.6320, -5.2416,
1.1997

0.0000, 0.0000,
0.0000

153.4190,
-75.6356, 86.4555

163.3130,
-68.1883, 77.7785

173.2070,
-60.7411, 69.1015

183.2150,
-52.8570, 60.3244

193.1090,
-45.4097, 51.6474

203.0030,
-37.9625, 42.9704

■ 212.3100,
-30.2258, 34.8081

■ 222.2040,
-22.7786, 26.1311

■ 232.2120,
-14.8945, 17.3541

■ 242.1060, -7.4473,
8.6770

Harmonies

Analogous

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



142.7430, -26.4953, 98.4494



153.4190, -75.6356, 86.4555



153.3880, -75.6203, 34.7397

Triad

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



153.4190, -75.6356, 86.4555



135.3780, 16.0826, -118.7265



162.3570, 45.6730, 4.0719

Complementary

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



153.4190, -75.6356, 86.4555



98.5810, 75.6356, -86.4555

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



153.4190, -75.6356, 86.4555



144.0420, 49.2793, -126.3248

Square

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



153.4190, -75.6356, 86.4555



124.0240, -17.2668, -108.7690



140.6000, 56.3992, -123.3062



163.1370, 36.4145, 80.5639

Rectangle

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



153.4190, -75.6356, 86.4555



147.5420, -72.7382, -3.1063



140.6000, 56.3992, -123.3062



152.9670, 50.3023, -34.1741

Sweetspot

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



153.4190, -75.6356, 86.4555



225.2040, -22.7786, 26.1311



89.2560, 16.1428, 142.7265



109.8420, -13.7261, 15.9246



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.



153.4190, -75.6356, 86.4555



155.4900, -76.6566, 87.2703



222.0760, -109.4835, 22.7353



119.9960, -3.9420, 4.3885



115.2110, -56.7990, 64.7130



37.0230, -18.2523, 21.0278

Inverse Universe

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



98.5810, 75.6356, -86.4555



99.5100, 76.6566, -87.2703



29.9240, 109.4835, -22.7353



117.0040, 3.9420, -4.3885



73.7890, 56.7990, -64.7130



23.9770, 18.2523, -21.0278

Previews

White Background



This preview shows how the YUV color 153.4190, -75.6356, 86.4555 looks on a white background.

Color Contrast Check

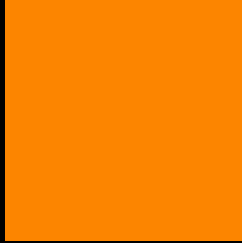
Large Text (above 18pt) WCAG AA × Fail

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 153.4190, -75.6356, 86.4555 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 153.4190, -75.6356, 86.4555

Background



This preview shows how black text looks on a background with the YUV color 153.4190, -75.6356, 86.4555.



This preview shows how white text looks on a background with the YUV color 153.4190, -75.6356, 86.4555.

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

155.4500, -66.2838, 26.7924

Deuteranopia

154.6500, -76.2424, 47.6650

Tritanopia

164.7820, -15.6685, 79.1212

Trichromacy



Protanomaly

154.6700, -69.8433, 48.5244

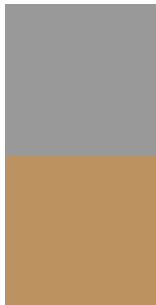
Deuteranomaly

154.1510, -75.9964, 62.1346

Tritanomaly

160.7720, -37.3556, 81.7610

Monochromacy



Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.2710, -27.7416, 31.3343

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.4190, -75.6356, 86.4555 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(252, 133, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 133, 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(252, 133, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 133, 0) }
```

Border

The CSS property to change the border of an element to YUV 153.4190, -75.6356, 86.4555 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(252, 133, 0) }
```

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

```
.border{ border-color:rgb(252, 133, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 133, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 133, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 133, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 133,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 153.4190, -75.6356, 86.4555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 133, 0) }
```

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

```
.background{ background-color: rgb(252,  
133, 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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