

Converting Colors

YUV(154.0060, -75.9250,
85.9407)

Have a look what the booklet for
YUV(154.0060, -75.9250, 85.9407)
contains.

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Color

**YUV(154.0060, -75.9250,
85.9407)**

Conversions

Conversions Part 1

Format	Color
Hex	FC8600
RGB	252, 134, 0
RGB Percent	99%, 53%, 0%
CMY	0.0118, 0.4745, 1.0000
CMYK	0.00, 0.47, 1.00, 0.01
HSL	32°, 100%, 49%
HSV	32°, 100%, 99%
XYZ	48.6700, 37.7456, 4.7204
YIQ	154.0060, 113.3420, -16.6580

Conversions

Conversions Part 2

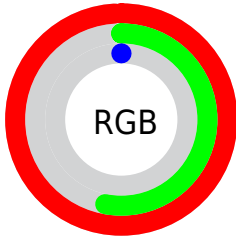
Format	Color
R _Y B	222, 252, 0
Decimal	16549376
CIE Lab	67.83, 38.67, 74.28
CIE LCh	68, 83.742, 62.500
Yxy	37.7456, 0.5340, 0.4142
Android (android.graphics.Color)	4294739456 (0xFFFC8600)
YUV	154.0060, -75.9250, 85.9407
Hunter-Lab	61.4375, 33.8898, 38.4508

Details

The YUV color **154.0060, -75.9250, 85.9407** 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 **97.9940, 75.9250, -85.9407**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.0370, -59.6712, 52.5876**, and **104.3460, -51.4426, 73.3646** is the 20% darker color. If you saturate the color by 10%, you get **154.0060, -75.9250, 85.9407**, and if you desaturate by 10%, it is **163.9000, -68.4777, 77.2637**.

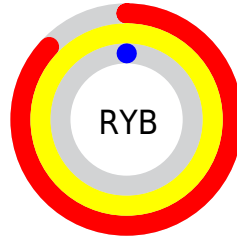
Distribution



Red (99%)

Green (53%)

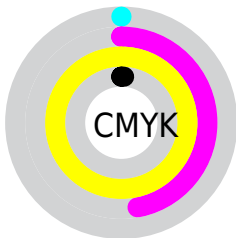
Blue (0%)



Red (87%)

Yellow (99%)

Blue (0%)

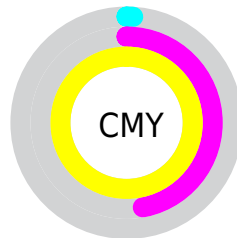


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.0060, -75.9250, 85.9407 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 154.0060, -75.9250, 85.9407 by changing the saturation by 10% instead.

154.0060,
-75.9250, 85.9407

154.0060,
-75.9250, 85.9407

255.0000, 0.0000,
0.0000

129.1760,
-63.6838, 79.6526

195.0370,
-59.6712, 52.5876

104.3460,
-51.4426, 73.3646

214.5510,
-55.9806, 35.4738

80.4020, -39.6382,
67.1764

234.7660,
-52.1426, 17.7452

56.4580, -27.8338,
60.9883

243.8280,
-42.8062, 9.7978

29.2910, -14.4405,
58.5038

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

154.0060,
-75.9250, 85.9407

163.9000,
-68.4777, 77.2637

173.7940,
-61.0304, 68.5867

183.2150,
-52.8570, 60.3244

193.1090,
-45.4097, 51.6474

203.0030,
-37.9625, 42.9704

■ 212.8970,
-30.5152, 34.2933

■ 222.7910,
-23.0680, 25.6163

■ 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.



143.3300, -26.7847, 97.9346



154.0060, -75.9250, 85.9407



153.9750, -75.9097, 34.2249

Triad

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



154.0060, -75.9250, 85.9407



136.1930, 16.6669, -119.4413



162.9550, 45.3782, 5.3015

Complementary

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



154.0060, -75.9250, 85.9407



97.9940, 75.9250, -85.9407

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



154.0060, -75.9250, 85.9407



144.1560, 49.7161, -126.4248

Square

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



154.0060, -75.9250, 85.9407



124.2520, -16.3932, -108.9690



141.1870, 56.1098, -123.8210



163.0230, 35.9777, 80.6638

Rectangle

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



154.0060, -75.9250, 85.9407



147.5420, -72.7382, -3.1063



141.1870, 56.1098, -123.8210



154.4510, 49.5707, -32.8445

Sweetspot

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



154.0060, -75.9250, 85.9407



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.



154.0060, -75.9250, 85.9407



156.0770, -76.9460, 86.7555



222.0760, -109.4835, 22.7353



119.9960, -3.9420, 4.3885



115.2110, -56.7990, 64.7130



37.6100, -18.5417, 20.5130

Inverse Universe

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



97.9940, 75.9250, -85.9407



98.9230, 76.9460, -86.7555



29.9240, 109.4835, -22.7353



117.0040, 3.9420, -4.3885



73.2020, 57.0884, -64.1982



23.9770, 18.2523, -21.0278

Previews

White Background



This preview shows how the YUV color 154.0060, -75.9250, 85.9407 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 154.0060, -75.9250, 85.9407 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 154.0060, -75.9250, 85.9407

Background



This preview shows how black text looks on a background with the YUV color 154.0060, -75.9250, 85.9407.



This preview shows how white text looks on a background with the YUV color 154.0060, -75.9250, 85.9407.

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

155.7490, -66.4313, 27.4071

Deuteranopia

154.6500, -76.2424, 47.6650

Tritanopia

165.4830, -15.5211, 78.5064

Trichromacy



Protanomaly

154.9690, -69.9907, 49.1392

Deuteranomaly

154.7380, -76.2858, 61.6198

Tritanomaly

161.3590, -37.6450, 81.2462

Monochromacy



Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.2710, -27.7416, 31.3343

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.0060, -75.9250, 85.9407 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, 134, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 134, 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, 134, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 134, 0) }
```

Border

The CSS property to change the border of an element to YUV 154.0060, -75.9250, 85.9407 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, 134, 0) }
```

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

```
.border{ border-color:rgb(252, 134, 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, 134, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 134, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 134, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 134,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 154.0060, -75.9250, 85.9407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 134, 0) }
```

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

```
.background{ background-color: rgb(252,  
134, 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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