

Converting Colors

YUV(154.2060, -76.0236,
70.8563)

Have a look what the booklet for
YUV(154.2060, -76.0236, 70.8563)
contains.

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Color

**YUV(154.2060, -76.0236,
70.8563)**

Conversions

Conversions Part 1

Format	Color
Hex	EB8F00
RGB	235, 143, 0
RGB Percent	92%, 56%, 0%
CMY	0.0784, 0.4392, 1.0000
CMYK	0.00, 0.39, 1.00, 0.08
HSL	37°, 100%, 46%
HSV	37°, 100%, 92%
XYZ	44.0834, 37.3071, 4.8775
YIQ	154.2060, 100.7350, -24.9690

Conversions

Conversions Part 2

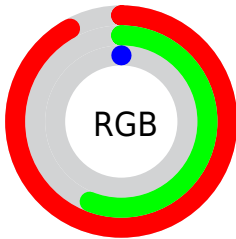
Format	Color
RYB	151, 235, 0
Decimal	15437568
CIELab	67.51, 27.09, 72.95
CIElCh	68, 77.815, 69.626
Yxy	37.3071, 0.5110, 0.4325
Android (android.graphics.Color)	4293627648 (0xFFEB8F00)
YUV	154.2060, -76.0236, 70.8563
Hunter-Lab	61.0795, 21.9410, 38.0210

Details

The YUV color **154.2060, -76.0236, 70.8563** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark washed orange. A complement of this color would be **80.7940, 76.0236, -70.8563**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.3200, -62.2758, 47.9544**, and **105.7310, -52.1254, 58.9949** is the 20% darker color. If you saturate the color by 10%, you get **154.2060, -76.0236, 70.8563**, and if you desaturate by 10%, it is **162.1110, -68.5817, 63.9237**.

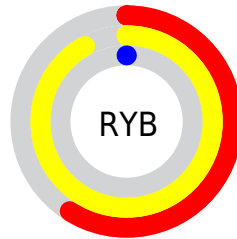
Distribution



Red (92%)

Green (56%)

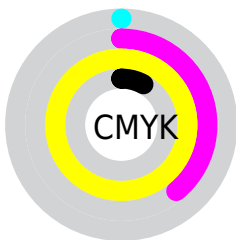
Blue (0%)



Red (59%)

Yellow (92%)

Blue (0%)

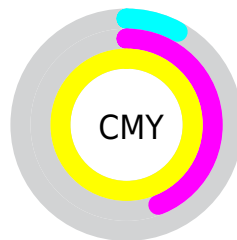


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (8%)



Cyan (8%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.2060, -76.0236, 70.8563 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 154.2060, -76.0236, 70.8563 by changing the saturation by 10% instead.

154.2060,
-76.0236, 70.8563

154.2060,
-76.0236, 70.8563

255.0000, 0.0000,
0.0000

129.6750,
-63.9298, 65.1830

200.3200,
-62.2758, 47.9544

105.7310,
-52.1254, 58.9949

219.9480,
-58.1484, 30.7406

82.3740, -40.6104,
52.2920

240.1630,
-54.3104, 13.0120

59.9030, -29.5322,
45.6891

243.9420,
-42.3694, 9.6979

37.7310, -18.6014,
39.7009

247.1340,
-30.1391, 6.8985

16.7440, -8.2548,
34.4275

250.4400,

9.0840, -3.9854,

-17.4719, 3.9991

18.3433

253.7460, -4.8048,
1.0998

0.0000, 0.0000,
0.0000

154.2060,
-76.0236, 70.8563

162.1110,
-68.5817, 63.9237

170.1300,
-60.7031, 56.8910

178.7360,
-53.1138, 49.3435

186.6410,
-45.6720, 42.4108

194.6600,
-37.7934, 35.3782

■ 202.5650,
-30.3515, 28.4455

■ 210.4700,
-22.9097, 21.5128

■ 219.0760,
-15.3205, 13.9653

■ 226.9810, -7.8786,
7.0327

Harmonies

Analogous

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



150.2940, -35.6409, 91.8272



154.2060, -76.0236, 70.8563



151.2400, -74.5613, 21.7145

Triad

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



154.2060, -76.0236, 70.8563



136.2560, 24.5238, -119.4965



166.6200, 43.5713, 24.8893

Complementary

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



154.2060, -76.0236, 70.8563



80.7940, 76.0236, -70.8563

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.



125.9250, 63.6340, -110.4362



154.2060, -76.0236, 70.8563



142.7200, 54.3680, -125.1654

Square

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



154.2060, -76.0236, 70.8563



126.1730, -6.4943, -110.6537



137.6650, 57.8462, -120.7322



160.0420, 27.0943, 83.2782

Rectangle

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



154.2060, -76.0236, 70.8563



144.6160, -68.3377, -14.5722



137.6650, 57.8462, -120.7322



162.0140, 45.8421, -3.5203

Sweetspot

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



154.2060, -76.0236, 70.8563



228.7260, -24.5149, 23.0423



80.9810, 6.4184, 135.0747



112.1900, -14.8837, 13.8654



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.



154.2060, -76.0236, 70.8563



167.2300, -82.4444, 76.9743



201.3330, -99.2572, 9.3550



113.3980, -3.6472, 3.1590



118.6890, -58.5137, 54.6467



35.5170, -17.5099, 16.2096

Inverse Universe

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



80.7940, 76.0236, -70.8563



87.7700, 82.4444, -76.9743



33.6670, 99.2572, -9.3550



109.6020, 3.6472, -3.1590



62.3110, 58.5137, -54.6467



18.4830, 17.5099, -16.2096

Previews

White Background



This preview shows how the YUV color 154.2060, -76.0236, 70.8563 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 154.2060, -76.0236, 70.8563 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 154.2060, -76.0236, 70.8563

Background



This preview shows how black text looks on a background with the YUV color 154.2060, -76.0236, 70.8563.



This preview shows how white text looks on a background with the YUV color 154.2060, -76.0236, 70.8563.

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

154.5210, -67.3049, 27.6071

Deuteranopia

153.7640, -75.8057, 47.5650

Tritanopia

166.1330, -11.4046, 64.7814

Trichromacy



Protanomaly

154.4090, -70.7006, 43.4913

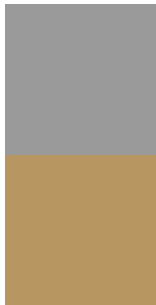
Deuteranomaly

153.8190, -75.8328, 56.2867

Tritanomaly

161.9550, -34.9808, 66.6915

Monochromacy



Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.9390, -27.5779, 25.4865

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.2060, -76.0236, 70.8563 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(235, 143, 0)` looks like.

```
.text, #text, p{  
    color:rgb(235, 143, 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(235, 143, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 143, 0) }
```

Border

The CSS property to change the border of an element to YUV 154.2060, -76.0236, 70.8563 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(235, 143, 0) }
```

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

```
.border{ border-color:rgb(235, 143, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 143, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 143, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 143, 0);  
box-shadow:4px 4px 4px 4px rgb(235, 143,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 154.2060, -76.0236, 70.8563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 143, 0) }
```

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

```
.background{ background-color: rgb(235,  
143, 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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