

Converting Colors

YUV(156.3210, -77.0663,
78.6485)

Have a look what the booklet for
YUV(156.3210, -77.0663, 78.6485)
contains.

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Color

**YUV(156.3210, -77.0663,
78.6485)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | F68D00 |
| RGB | 246, 141, 0 |
| RGB Percent | 96%, 55%, 0% |
| CMY | 0.0353, 0.4471, 1.0000 |
| CMYK | 0.00, 0.43, 1.00, 0.04 |
| HSL | 34°, 100%, 48% |
| HSV | 34°, 100%, 96% |
| XYZ | 47.5309, 38.6426, 4.9536 |
| YIQ | 156.3210, 107.8410, -21.5910 |

Conversions

Conversions Part 2

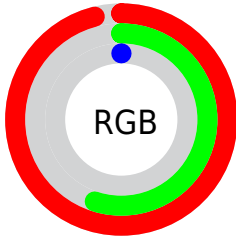
| Format | Color |
|-------------------------------------|---|
| RYB | 183, 246, 0 |
| Decimal | 16157952 |
| CIELab | 68.49, 32.68, 74.28 |
| CIELCh | 68, 81.150, 66.250 |
| Yxy | 38.6426, 0.5216, 0.4241 |
| Android (android.graphics.Color) | 4294348032 (0xFFFF68D00) |
| YUV | 156.3210, -77.0663, 78.6485 |
| Hunter-Lab | 62.1632, 27.6983, 38.7896 |

Details

The YUV color **156.3210, -77.0663, 78.6485** 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 **89.6790, 77.0663, -78.6485**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.1460, -61.6970, 48.9840**, and **107.5470, -53.0207, 66.1723** is the 20% darker color. If you saturate the color by 10%, you get **156.3210, -77.0663, 78.6485**, and if you desaturate by 10%, it is **165.6280, -69.3296, 70.4862**.

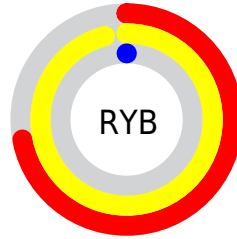
Distribution



Red (96%)

Green (55%)

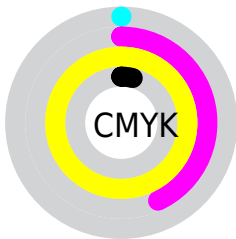
Blue (0%)



Red (72%)

Yellow (96%)

Blue (0%)

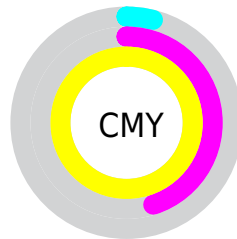


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.3210, -77.0663, 78.6485 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 156.3210, -77.0663, 78.6485 by changing the saturation by 10% instead.

156.3210,
-77.0663, 78.6485

156.3210,
-77.0663, 78.6485

255.0000, 0.0000,
0.0000

131.4910,
-64.8251, 72.3604

199.1460,
-61.6970, 48.9840

107.5470,
-53.0207, 66.1723

218.7740,
-57.5696, 31.7702

83.6030, -41.2163,
59.9842

238.9890,
-53.7316, 14.0416

60.2460, -29.7013,
53.2813

243.9420,
-42.3694, 9.6979

36.9000, -18.1917,
48.3227

247.2480,
-29.7023, 6.7985

19.1360, -9.4340,
39.3457

250.4400,


11.7750, -5.3121,

-17.4719, 3.9991

23.8763

 253.8600, -4.3680,
0.9998


 0.0000, 0.0000,
0.0000


 156.3210,
-77.0663, 78.6485

 165.6280,
-69.3296, 70.4862

 174.2340,
-61.7404, 62.9388

 183.5410,
-54.0037, 54.7765

 192.1470,
-46.4145, 47.2291

 201.4540,
-38.6778, 39.0668

■ 210.1740,
-30.6518, 31.4194

■ 219.3670,
-23.3519, 23.3571

■ 228.0870,
-15.3259, 15.7097

■ 236.6930, -7.7366,
8.1622

Harmonies

Analogous

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



148.6300, -31.8626, 93.2865



156.3210, -77.0663, 78.6485



154.8170, -76.3248, 27.3475

Triad

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



156.3210, -77.0663, 78.6485



138.0340, 21.1822, -121.0558



166.8640, 43.4510, 16.7823

Complementary

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



156.3210, -77.0663, 78.6485



89.6790, 77.0663, -78.6485

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.



129.4470, 61.8976, -113.5250



156.3210, -77.0663, 78.6485



145.5410, 52.4843, -127.6395

Square

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



156.3210, -77.0663, 78.6485



126.9080, -11.2936, -111.2983



140.6000, 56.3992, -123.3062



162.6980, 32.1939, 80.9489

Rectangle

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



156.3210, -77.0663, 78.6485



147.7970, -72.8639, -9.4690



140.6000, 56.3992, -123.3062



161.0510, 46.3169, -15.8307

Sweetspot

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



156.3210, -77.0663, 78.6485



226.9650, -23.6467, 24.5867



85.7520, 10.4753, 140.5375



111.0160, -14.3049, 14.8950



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.



156.3210, -77.0663, 78.6485



161.9470, -79.8399, 81.6075



213.1720, -105.0938, 14.7582



117.6970, -3.7946, 3.7737



118.4230, -58.3825, 59.2650



37.5990, -18.5363, 18.7687

Inverse Universe

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



89.6790, 77.0663, -78.6485



93.0530, 79.8399, -81.6075



32.8280, 105.0938, -14.7582



114.3030, 3.7946, -3.7737



67.5770, 58.3825, -59.2650



21.4010, 18.5363, -18.7687

Previews

White Background



This preview shows how the YUV color 156.3210, -77.0663, 78.6485 looks on a white background.

Color Contrast Check

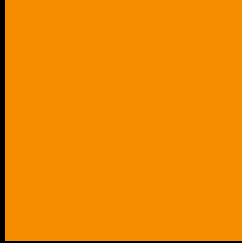
Large Text (above 18pt) WCAG AA × Fail

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 156.3210, -77.0663, 78.6485 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 156.3210, -77.0663, 78.6485

Background



This preview shows how black text looks on a background with the YUV color 156.3210, -77.0663, 78.6485.



This preview shows how white text looks on a background with the YUV color 156.3210, -77.0663,

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

157.2930, -68.1784, 27.8070

Deuteranopia

156.7210, -77.2635, 48.4797

Tritanopia

167.9060, -13.7577, 72.8734

Trichromacy



Protanomaly

156.9040, -71.4377, 46.5652

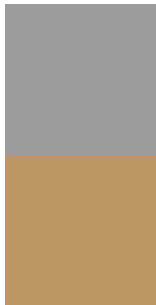
Deuteranomaly

156.2000, -77.0066, 59.4606

Tritanomaly

163.8420, -36.8971, 74.6836

Monochromacy



Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.4340, -28.3150, 28.5604

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.3210, -77.0663, 78.6485 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(246, 141, 0)` looks like.

```
.text, #text, p{  
    color:rgb(246, 141, 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(246, 141, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 141, 0) }
```

Border

The CSS property to change the border of an element to YUV 156.3210, -77.0663, 78.6485 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(246, 141, 0) }
```

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

```
.border{ border-color:rgb(246, 141, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 141, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 141, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 141, 0);  
box-shadow:4px 4px 4px 4px rgb(246, 141,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 156.3210, -77.0663, 78.6485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 141, 0) }
```

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

```
.background{ background-color: rgb(246,  
141, 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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