

Converting Colors

YUV(157.2400, -77.5193,
83.9815)

Have a look what the booklet for
YUV(157.2400, -77.5193, 83.9815)
contains.

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Color

**YUV(157.2400, -77.5193,
83.9815)**

Conversions

Conversions Part 1

Format	Color
Hex	FD8B00
RGB	253, 139, 0
RGB Percent	99%, 55%, 0%
CMY	0.0078, 0.4549, 1.0000
CMYK	0.00, 0.45, 1.00, 0.01
HSL	33°, 100%, 50%
HSV	33°, 100%, 99%
XYZ	49.7406, 39.3479, 4.9733
YIQ	157.2400, 112.5630, -19.0610

Conversions

Conversions Part 2

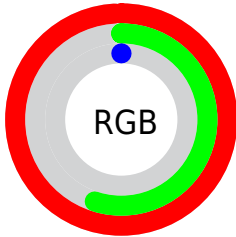
Format	Color
R _Y B	207, 253, 0
Decimal	16616192
CIE Lab	69.00, 36.54, 75.06
CIE LCh	69, 83.484, 64.045
Yxy	39.3479, 0.5288, 0.4183
Android (android.graphics.Color)	4294806272 (0xFFFD8B00)
YUV	157.2400, -77.5193, 83.9815
Hunter-Lab	62.7279, 31.7693, 39.2088

Details

The YUV color **157.2400, -77.5193, 83.9815** 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 **95.7600, 77.5193, -83.9815**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.0860, -60.6814, 49.9136**, and **107.5800, -53.0369, 71.4053** is the 20% darker color. If you saturate the color by 10%, you get **157.2400, -77.5193, 83.9815**, and if you desaturate by 10%, it is **166.5470, -69.7827, 75.8193**.

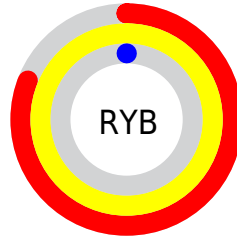
Distribution



Red (99%)

Green (55%)

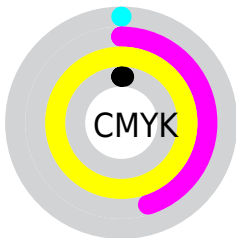
Blue (0%)



Red (81%)

Yellow (99%)

Blue (0%)

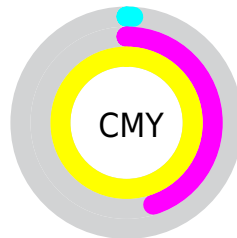


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.2400, -77.5193, 83.9815 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 157.2400, -77.5193, 83.9815 by changing the saturation by 10% instead.

157.2400,
-77.5193, 83.9815

157.2400,
-77.5193, 83.9815

255.0000, 0.0000,
0.0000

132.4100,
-65.2781, 77.6934

198.0860,
-60.6814, 49.9136

107.5800,
-53.0369, 71.4053

218.1870,
-57.2802, 32.2850

84.2230, -41.5219,
64.7024

237.8150,
-53.1528, 15.0712

60.2790, -29.7175,
58.5143

243.9420,
-42.3694, 9.6979

34.8730, -17.1924,
54.4854

247.2480,
-29.7023, 6.7985

20.6310, -10.1711,
42.4196

250.4400,


13.2700, -6.0491,

-17.4719, 3.9991


26.9502


 253.8600, -4.3680,
0.9998

 0.0000, 0.0000,
0.0000


 157.2400,
-77.5193, 83.9815

 166.5470,
-69.7827, 75.8193

 176.5550,
-61.8986, 67.0423

 185.8620,
-54.1620, 58.8800

 195.7560,
-46.7147, 50.2030

 205.1770,
-38.5413, 41.9408

■ 214.4840,
-30.8046, 33.7785

■ 224.3780,
-23.3574, 25.1015

■ 233.6850,
-15.6207, 16.9393

■ 243.6930, -7.7366,
8.1622

Harmonies

Analogous

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



146.7380, -28.9578, 94.9458



157.2400, -77.5193, 83.9815



156.9100, -77.3566, 31.6509

Triad

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



157.2400, -77.5193, 83.9815



138.7520, 18.8563, -121.6855



166.5320, 43.6147, 10.9344

Complementary

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



157.2400, -77.5193, 83.9815



95.7600, 77.5193, -83.9815

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.



131.7950, 60.7401, -115.5842



157.2400, -77.5193, 83.9815



146.7150, 51.9055, -128.6691

Square

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



157.2400, -77.5193, 83.9815



127.3980, -14.4932, -111.7280



142.3610, 55.5310, -124.8506



164.1970, 35.3989, 79.6342

Rectangle

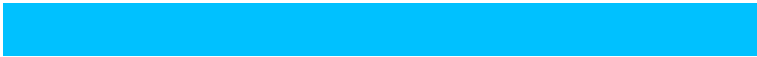
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



157.2400, -77.5193, 83.9815



149.5910, -73.7484, -5.7803



142.3610, 55.5310, -124.8506



159.2240, 47.2176, -24.7524

Sweetspot

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



157.2400, -77.5193, 83.9815



226.3780, -23.3574, 25.1015



89.0990, 14.2482, 143.7412



110.4290, -14.0155, 15.4098



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.



157.2400, -77.5193, 83.9815



158.4250, -78.1035, 84.6963



221.7660, -109.3306, 20.3762



122.9960, -3.9420, 4.3885



118.7440, -58.5408, 63.3685



39.6810, -19.5627, 21.3278

Inverse Universe

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



95.7600, 77.5193, -83.9815



96.5750, 78.1035, -84.6963



31.2340, 109.3306, -20.3762



119.4170, 4.2314, -3.8737



72.2560, 58.5408, -63.3685



24.3190, 19.5627, -21.3278

Previews

White Background



This preview shows how the YUV color 157.2400, -77.5193, 83.9815 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 157.2400, -77.5193, 83.9815 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 157.2400, -77.5193, 83.9815 Background



This preview shows how black text looks on a background with the YUV color 157.2400, -77.5193, 83.9815.



This preview shows how white text looks on a background with the YUV color 157.2400, -77.5193, 83.9815.

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

157.2400, -77.5193, 83.9815

Protanopia

158.4070, -67.7417, 27.7071

Deuteranopia

157.6070, -77.7003, 48.5797



Tritanopia

169.1020, -14.3473, 75.3325

Trichromacy



Original Color

157.2400, -77.5193, 83.9815

Protanomaly

157.9150, -71.4431, 48.3095

Deuteranomaly

157.3960, -77.5962, 61.9197

Tritanomaly

164.7500, -37.3447, 78.2722

Monochromacy



Original Color

157.2400, -77.5193, 83.9815

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.8580, -28.0310, 30.8195

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.2400, -77.5193, 83.9815 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(253, 139, 0)` looks like.

```
.text, #text, p{  
    color:rgb(253, 139, 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(253, 139, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 139, 0) }
```

Border

The CSS property to change the border of an element to YUV 157.2400, -77.5193, 83.9815 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(253, 139, 0) }
```


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

```
.border{ border-color:rgb(253, 139, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 139, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 139, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 139, 0);  
box-shadow:4px 4px 4px 4px rgb(253, 139,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 157.2400, -77.5193, 83.9815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 139, 0) }
```

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

```
.background{ background-color: rgb(253,  
139, 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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