

Converting Colors

YUV(160.0840, -64.1314,
83.2413)

Have a look what the booklet for
YUV(160.0840, -64.1314, 83.2413)
contains.

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Color

**YUV(160.0840, -64.1314,
83.2413)**

Conversions

Conversions Part 1

Format	Color
Hex	FF891E
RGB	255, 137, 30
RGB Percent	100%, 54%, 12%
CMY	0.0000, 0.4627, 0.8824
CMYK	0.00, 0.46, 0.88, 0.00
HSL	29°, 100%, 56%
HSV	29°, 88%, 100%
XYZ	50.4200, 39.2451, 6.1459
YIQ	160.0840, 104.6750, -8.2610

Conversions

Conversions Part 2

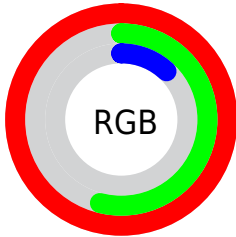
Format	Color
R_{YB}	255, 234, 30
Decimal	16746782
CIE _{Lab}	68.93, 38.68, 69.71
CIE _{LCh}	69, 79.723, 60.973
Yxy	39.2451, 0.5262, 0.4096
Android (android.graphics.Color)	4294936862 (0xFFFF891E)
YUV	160.0840, -64.1314, 83.2413
Hunter-Lab	62.6459, 34.0339, 38.0354

Details

The YUV color **160.0840, -64.1314, 83.2413** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **124.9160, 64.1314, -83.2413**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.9810, -54.7136, 49.1287**, and **107.0040, -52.7530, 73.6645** is the 20% darker color. If you saturate the color by 10%, you get **149.6030, -71.2893, 92.4332**, and if you desaturate by 10%, it is **170.6790, -56.5367, 73.9495**.

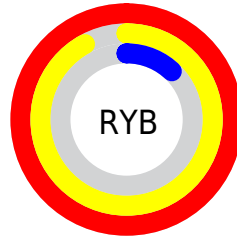
Distribution



Red (100%)

Green (54%)

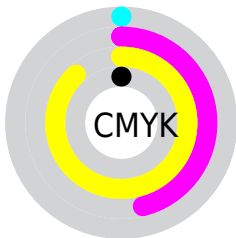
Blue (12%)



Red (100%)

Yellow (92%)

Blue (12%)

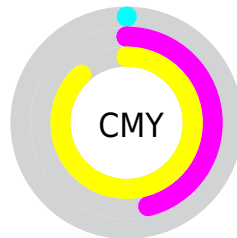


Cyan (0%)

Magenta (46%)

Yellow (88%)

Black (0%)



Cyan (0%)

Magenta (46%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.0840, -64.1314, 83.2413 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 160.0840, -64.1314, 83.2413 by changing the saturation by 10% instead.

160.0840,
-64.1314, 83.2413

160.0840,
-64.1314, 83.2413

255.0000, 0.0000,
0.0000

131.8340,
-64.9942, 79.9526

198.9810,
-54.7136, 49.1287

107.0040,
-52.7530, 73.6645

218.4950,
-51.0230, 32.0149

83.0600, -40.9486,
67.4764

238.5960,
-47.6218, 14.3863

59.1160, -29.1442,
61.2883

245.3100,
-37.1278, 8.4981

31.9490, -15.7509,
58.8037

248.5020,
-24.8975, 5.6987

20.9300, -10.3185,
43.0344

251.8080,

13.9820, -5.9071,

-12.2303, 2.7994

28.0798

■ 0.0000, 0.0000,
0.0000

■ 160.0840,
-64.1314, 83.2413

■ 160.0840,
-64.1314, 83.2413

■ 149.6030,
-71.2893, 92.4332

■ 170.6790,
-56.5367, 73.9495

■ 147.2720,
-72.6051, 94.4775

■ 181.7470,
-49.6683, 64.2429

■ 192.2280,
-42.5104, 55.0510

■ 202.8230,
-34.9157, 45.7592

■ 214.0050,
-27.6105, 35.9526

224.4860,
-20.4526, 26.7608

235.6680,
-13.1473, 16.9542

246.1490, -5.9895,
7.7623

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



148.4650, -24.8792, 93.4312



160.0840, -64.1314, 83.2413



156.9430, -77.3729, 36.8840

Triad

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



160.0840, -64.1314, 83.2413



137.2530, 15.6513, -120.3709



165.8790, 43.9367, 0.9831

Complementary

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



160.0840, -64.1314, 83.2413



124.9160, 64.1314, -83.2413

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.



132.3820, 60.4507, -116.0990



160.0840, -64.1314, 83.2413



144.8740, 47.3901, -127.0545

Square

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



160.0840, -64.1314, 83.2413



125.7680, -15.6616, -110.2985



142.3610, 55.5310, -124.8506



169.3490, 34.8309, 75.1159

Rectangle

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



160.0840, -64.1314, 83.2413



151.4070, -74.6437, 1.3971



142.3610, 55.5310, -124.8506



157.6850, 47.9763, -34.8037

Sweetspot

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



160.0840, -64.1314, 83.2413



226.9310, -18.7000, 24.6165



110.9550, 19.2492, 126.3275



111.1130, -11.3947, 14.8099



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.



160.0840, -64.1314, 83.2413



147.2720, -72.6051, 94.4775



225.2410, -96.2538, 26.0986



122.4090, -3.6526, 4.9033



110.5260, -54.4893, 70.5757



36.7460, -18.1158, 23.9018

Inverse Universe

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



124.9160, 64.1314, -83.2413



107.7280, 72.6051, -94.4775



59.7590, 96.2538, -26.0986



120.0040, 3.9420, -4.3885



80.4740, 54.4893, -70.5757



26.6670, 18.4052, -23.3870

Previews

White Background



This preview shows how the YUV color 160.0840, -64.1314, 83.2413 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 160.0840, -64.1314, 83.2413 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 160.0840, -64.1314, 83.2413

Background



This preview shows how black text looks on a background with the YUV color 160.0840, -64.1314, 83.2413.



This preview shows how white text looks on a background with the YUV color 160.0840, -64.1314, 83.2413.

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

160.0840, -64.1314, 83.2413

Protanopia

160.3450, -60.3161, 26.0074

Deuteranopia

157.6070, -77.7003, 48.5797



Tritanopia

168.9880, -14.7841, 75.4325

Trichromacy



Original Color

160.0840, -64.1314, 83.2413

Protanomaly

160.1350, -61.6916, 47.2396

Deuteranomaly

158.6500, -72.7914, 60.8200

Tritanomaly

165.6020, -32.8348, 78.4020

Monochromacy



Original Color

160.0840, -64.1314, 83.2413

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.4110, -23.3736, 30.3346

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.0840, -64.1314, 83.2413 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(255, 137, 30)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 30)  
}
```

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(255, 137, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 30) }
```

Border

The CSS property to change the border of an element to YUV 160.0840, -64.1314, 83.2413 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(255, 137, 30) }
```


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

```
.border{ border-color:rgb(255, 137, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 137, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 137, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 137, 30);  
box-shadow:4px 4px 4px 4px rgb(255, 137,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 160.0840, -64.1314, 83.2413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 137, 30) }
```

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

```
.background{ background-color: rgb(255,  
137, 30) }
```

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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