

# Converting Colors

YUV(160.2730, -40.5606,  
83.0756)

Have a look what the booklet for  
YUV(160.2730, -40.5606, 83.0756)  
contains.

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# Color

**YUV(160.2730, -40.5606,  
83.0756)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF804E
RGB	255, 128, 78
RGB Percent	100%, 50%, 31%
CMY	0.0000, 0.4980, 0.6941
CMYK	0.00, 0.50, 0.69, 0.00
HSL	17°, 100%, 65%
HSV	17°, 69%, 100%
XYZ	50.3343, 37.2484, 11.7445
YIQ	160.2730, 91.7420, 11.3740

# Conversions

## Conversions Part 2

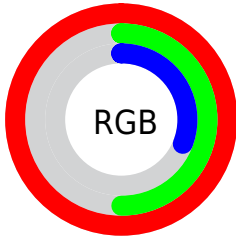
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 148, 78
Decimal	16744526
CIE <sub>Lab</sub>	67.46, 44.77, 48.70
CIE <sub>LCh</sub>	67, 66.151, 47.406
Yxy	37.2484, 0.5068, 0.3750
Android (android.graphics.Color)	4294934606 (0xFFFF804E)
YUV	160.2730, -40.5606, 83.0756
Hunter-Lab	61.0315, 40.4088, 31.3127

# Details

The YUV color **160.2730, -40.5606, 83.0756** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **172.7270, 40.5606, -83.0756**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.3720, -34.2004, 49.6628**, and **104.7390, -37.3393, 76.5279** is the 20% darker color. If you saturate the color by 10%, you get **146.8570, -46.2715, 94.8414**, and if you desaturate by 10%, it is **173.8030, -34.4129, 71.2098**.

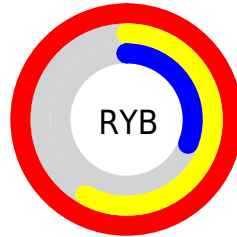
# Distribution



Red (100%)

Green (50%)

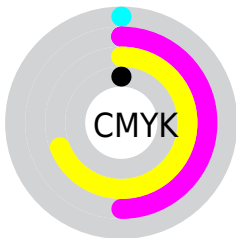
Blue (31%)



Red (100%)

Yellow (58%)

Blue (31%)

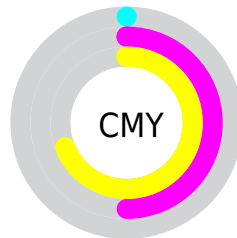


Cyan (0%)

Magenta (50%)

Yellow (69%)

Black (0%)



Cyan (0%)

Magenta (50%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 160.2730, -40.5606, 83.0756 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 160.2730, -40.5606, 83.0756 by changing the saturation by 10% instead.



160.2730,  
-40.5606, 83.0756

160.2730,  
-40.5606, 83.0756

255.0000, 0.0000,  
0.0000

132.1200,  
-38.5132, 79.7018

198.3720,  
-34.2004, 49.6628

104.7390,  
-37.3393, 76.5279

217.7720,  
-30.9466, 32.6490

77.1300, -37.0391,  
73.5540

237.9870,  
-27.1086, 14.9204

50.3220, -24.8087,  
70.7546

249.9840,  
-19.2191, 4.3990

30.1990, -14.8881,  
62.0925

253.1760, -6.9888,  
1.5996

21.2290, -10.4659,  
43.6492

13.6830, -5.7597,

27.4650

■ 0.0000, 0.0000,  
0.0000

■ 160.2730,  
-40.5606, 83.0756

■ 160.2730,  
-40.5606, 83.0756

■ 146.8570,  
-46.2715, 94.8414

■ 173.8030,  
-34.4129, 71.2098

■ 132.7400,  
-52.1298, 107.2220

■ 187.8060,  
-28.9914, 58.9291

■ 119.3240,  
-57.8407, 118.9879

■ 201.3360,  
-22.8436, 47.0633

■ 118.5090,  
-58.4249, 119.7026

■ 214.7520,  
-17.1327, 35.2975

■ 228.2820,  
-10.9850, 23.4317

242.2850, -5.5635,  
11.1511

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.



155.2760, -11.4751, 87.4579



160.2730, -40.5606, 83.0756



157.9120, -60.1026, 50.9432

# Triad

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



160.2730, -40.5606, 83.0756



127.6210, 4.1308, -111.9236



156.7880, 48.4185, -36.6481

# Complementary

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



160.2730, -40.5606, 83.0756



172.7270, 40.5606, -83.0756

# 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.



133.5560, 59.8719, -117.1286



160.2730, -40.5606, 83.0756



135.8630, 30.6335, -119.1519

# Square

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



160.2730, -40.5606, 83.0756



144.3970, -32.7337, -47.7062



139.5570, 54.9414, -122.3915



169.2040, 37.8604, 36.6551



# Rectangle

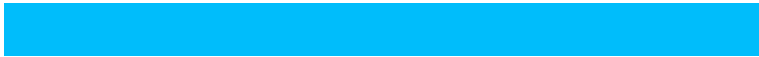
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



160.2730, -40.5606, 83.0756



154.7530, -62.4892, 23.0186



139.5570, 54.9414, -122.3915



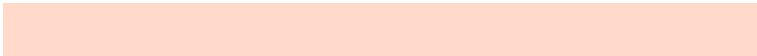
142.0600, 55.6794, -78.9826

# Sweetspot

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



160.2730, -40.5606, 83.0756



226.5380, -12.5902, 24.9612



145.7430, 30.6927, 95.8184



110.8510, -7.3215, 15.0397



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.



160.2730, -40.5606, 83.0756



141.6080, -48.6137, 99.4448



210.7550, -65.4482, 38.8029



120.6480, -2.7845, 6.4477



88.8070, -43.7819, 89.6233



29.7020, -14.6431, 30.0793



# Inverse Universe

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



172.7270, 40.5606, -83.0756



156.3920, 48.6137, -99.4448



122.2450, 65.4482, -38.8029



121.7650, 3.0739, -5.9329



102.1930, 43.7819, -89.6233



34.2980, 14.6431, -30.0793



# Previews

## White Background



This preview shows how the YUV color 160.2730, -40.5606, 83.0756 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 160.2730, -40.5606, 83.0756 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 160.2730, -40.5606, 83.0756 Background



This preview shows how black text looks on a background with the YUV color 160.2730, -40.5606, 83.0756.



This preview shows how white text looks on a background with the YUV color 160.2730, -40.5606, 83.0756.



# 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

160.2730, -40.5606, 83.0756

### Protanopia

161.2340, -35.1184, 17.3348

### Deuteranopia

161.2490, -44.4928, 37.4926



## Tritanopia

164.0810, -15.8159, 79.7360

# Trichromacy



## Original Color

160.2730, -40.5606, 83.0756

## Protanomaly

161.2200, -37.0835, 41.0261

## Deuteranomaly

160.8150, -42.7998, 54.5362

## Tritanomaly

162.3880, -24.8413, 81.2207

# Monochromacy



## Original Color

160.2730, -40.5606, 83.0756

## Achromatopsia

160.0000, 0.0000, 0.0000

## Achromatomaly

160.0010, -14.7905, 30.6941

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 160.2730, -40.5606, 83.0756 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, 128, 78)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 78)  
}
```

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, 128, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 78) }
```

## Border

The CSS property to change the border of an element to YUV 160.2730, -40.5606, 83.0756 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, 128, 78) }
```



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

```
.border{ border-color:rgb(255, 128, 78) }
```

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

Here you see how a box with a 4 pixel rgb(255, 128, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 78);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
78) }
```

# Background

The CSS property to change the background color of an element to YUV 160.2730, -40.5606, 83.0756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 78) }
```

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

```
.background{ background-color: rgb(255,  
128, 78) }
```

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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