

Converting Colors

YUV(161.6760, -45.1963,
76.5831)

Have a look what the booklet for
YUV(161.6760, -45.1963, 76.5831)
contains.

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Color

**YUV(161.6760, -45.1963,
76.5831)**

Conversions

Conversions Part 1

Format	Color
Hex	F98746
RGB	249, 135, 70
RGB Percent	98%, 53%, 27%
CMY	0.0235, 0.4706, 0.7255
CMYK	0.00, 0.46, 0.72, 0.02
HSL	22°, 94%, 63%
HSV	22°, 72%, 98%
XYZ	48.8364, 37.9099, 10.5377
YIQ	161.6760, 88.8090, 3.9530

Conversions

Conversions Part 2

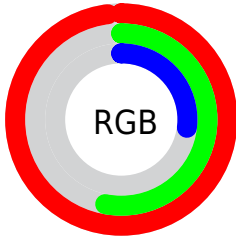
Format	Color
R _Y B	249, 172, 70
Decimal	16353094
CIE Lab	67.95, 38.60, 52.92
CIE LCh	68, 65.505, 53.895
Yxy	37.9099, 0.5020, 0.3897
Android (android.graphics.Color)	4294543174 (0xFFFF98746)
YUV	161.6760, -45.1963, 76.5831
Hunter-Lab	61.5710, 33.8319, 32.9524

Details

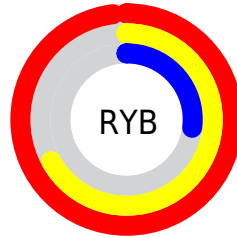
The YUV color **161.6760, -45.1963, 76.5831** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **157.3240, 45.1963, -76.5831**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.5690, -39.7205, 46.8590**, and **106.6860, -43.7222, 70.4354** is the 20% darker color. If you saturate the color by 10%, you get **149.4340, -51.4860, 87.3194**, and if you desaturate by 10%, it is **173.9180, -38.9066, 65.8469**.

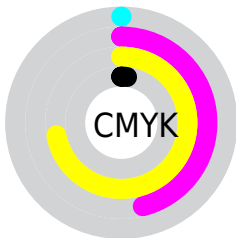
Distribution



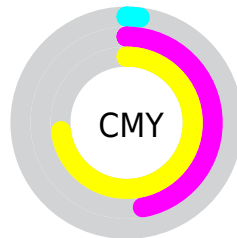
- Red (98%)
- Green (53%)
- Blue (27%)



- Red (98%)
- Yellow (67%)
- Blue (27%)



- Cyan (0%)
- Magenta (46%)
- Yellow (72%)
- Black (2%)



- Cyan (2%)
- Magenta (47%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.6760, -45.1963, 76.5831 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 161.6760, -45.1963, 76.5831 by changing the saturation by 10% instead.

161.6760,
-45.1963, 76.5831

161.6760,
-45.1963, 76.5831

255.0000, 0.0000,
0.0000

134.2950,
-44.0224, 73.4093

201.5690,
-39.7205, 46.8590

106.6860,
-43.7222, 70.4354

221.0830,
-36.0299, 29.7452

80.6900, -39.7802,
66.0469

241.1840,
-32.6287, 12.1166

56.4580, -27.8338,
60.9883

249.0720,
-22.7135, 5.1989

29.2910, -14.4405,
58.5038

252.2640,
-10.4832, 2.3995

20.0330, -9.8763,
41.1901

12.6720, -5.7543,

25.7207

■ 0.0000, 0.0000,
0.0000

■ 161.6760,
-45.1963, 76.5831

■ 161.6760,
-45.1963, 76.5831

■ 149.4340,
-51.4860, 87.3194

■ 173.9180,
-38.9066, 65.8469

■ 137.1920,
-57.7757, 98.0556

■ 186.1600,
-32.6169, 55.1107

■ 127.2810,
-62.7495, 106.7476

■ 198.4020,
-26.3272, 44.3744

■ 210.0570,
-19.7481, 34.1530

■ 222.2990,
-13.4584, 23.4168

234.4270, -7.6055,
12.7805

246.6690, -1.3158,
2.0443

253.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



156.9570, -17.7268, 85.9837



161.6760, -45.1963, 76.5831



158.3300, -60.8017, 41.8066

Triad

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



161.6760, -45.1963, 76.5831



130.5050, 10.1040, -114.4529



163.1110, 45.3013, -16.7603

Complementary

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



161.6760, -45.1963, 76.5831



157.3240, 45.1963, -76.5831

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



161.6760, -45.1963, 76.5831



138.0460, 36.4593, -121.0663

Square

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



161.6760, -45.1963, 76.5831



142.0730, -24.6860, -62.3310



139.4260, 56.9780, -122.2766



170.2010, 32.4389, 48.9357

Rectangle

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



161.6760, -45.1963, 76.5831



155.1970, -59.2571, 12.9822



139.4260, 56.9780, -122.2766



154.9500, 49.3247, -47.3141

Sweetspot

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



161.6760, -45.1963, 76.5831



227.4840, -14.0426, 24.1315



136.7450, 24.2827, 98.4476



111.2100, -8.4845, 14.7248



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.



161.6760, -45.1963, 76.5831



147.8540, -55.1440, 93.9670



212.7450, -70.3733, 31.7956



118.8220, -3.3632, 5.4181



97.0140, -47.8279, 80.6717



31.1530, -15.3584, 26.1758

Inverse Universe

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



157.3240, 45.1963, -76.5831



142.5590, 55.4334, -93.4522



106.2550, 70.3733, -31.7956



118.1780, 3.3632, -5.4181



91.9860, 47.8279, -80.6717



29.8470, 15.3584, -26.1758

Previews

White Background



This preview shows how the YUV color 161.6760, -45.1963, 76.5831 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 161.6760, -45.1963, 76.5831 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 161.6760, -45.1963, 76.5831 Background



This preview shows how black text looks on a background with the YUV color 161.6760, -45.1963, 76.5831.



This preview shows how white text looks on a background with the YUV color 161.6760, -45.1963,

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

161.6760, -45.1963, 76.5831

Protanopia

161.5780, -40.2180, 19.6641

Deuteranopia

161.9350, -48.2820, 39.5220



Tritanopia

166.4010, -14.4947, 75.9473

Trichromacy



Original Color

161.6760, -45.1963, 76.5831

Protanomaly

161.8410, -42.3196, 40.4814

Deuteranomaly

161.9520, -47.3043, 52.6621

Tritanomaly

165.1270, -25.6986, 76.1876

Monochromacy



Original Color

161.6760, -45.1963, 76.5831

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

161.9360, -16.2374, 28.1201

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.6760, -45.1963, 76.5831 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(249, 135, 70)` looks like.

```
.text, #text, p{  
    color:rgb(249, 135, 70)  
}
```

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(249, 135, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 135, 70) }
```

Border

The CSS property to change the border of an element to YUV 161.6760, -45.1963, 76.5831 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(249, 135, 70) }
```


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

```
.border{ border-color:rgb(249, 135, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 135, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 135, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 135, 70);  
box-shadow:4px 4px 4px 4px rgb(249, 135,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 161.6760, -45.1963, 76.5831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 135, 70) }
```

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

```
.background{ background-color: rgb(249,  
135, 70) }
```

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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