

Converting Colors

YUV(147.6460, -32.8565,
85.3795)

Have a look what the booklet for
YUV(147.6460, -32.8565, 85.3795)
contains.

YUV(147.6460, -32.8565, 85.3795)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(147.6460, -32.8565,
85.3795)**

Conversions

Conversions Part 1

Format	Color
Hex	F56F51
RGB	245, 111, 81
RGB Percent	96%, 44%, 32%
CMY	0.0392, 0.5647, 0.6824
CMYK	0.00, 0.55, 0.67, 0.04
HSL	11°, 89%, 64%
HSV	11°, 67%, 96%
XYZ	44.8258, 31.3754, 11.4781
YIQ	147.6460, 89.4940, 19.0780

Conversions

Conversions Part 2

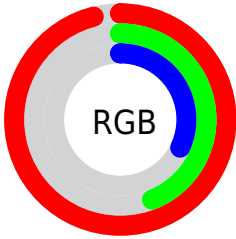
Format	Color
R _Y B	245, 118, 81
Decimal	16084817
CIE Lab	62.82, 49.44, 41.42
CIE LCh	63, 64.499, 39.959
Yxy	31.3754, 0.5112, 0.3578
Android (android.graphics.Color)	4294274897 (0xFFFF56F51)
YUV	147.6460, -32.8565, 85.3795
Hunter-Lab	56.0138, 44.8231, 27.0602

Details

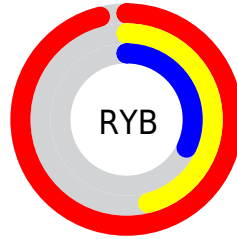
The YUV color **147.6460, -32.8565, 85.3795** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **178.3540, 32.8565, -85.3795**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.6210, -28.4072, 58.2144**, and **91.7530, -28.4722, 79.1466** is the 20% darker color. If you saturate the color by 10%, you get **133.1700, -37.5518, 98.0749**, and if you desaturate by 10%, it is **162.2360, -27.7243, 72.5840**.

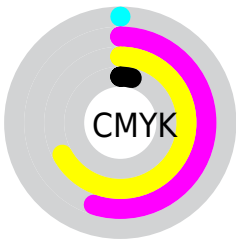
Distribution



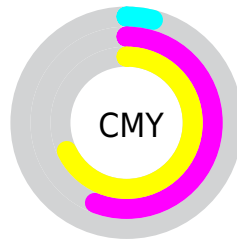
- Red (96%)
- Green (44%)
- Blue (32%)



- Red (96%)
- Yellow (46%)
- Blue (32%)



- Cyan (0%)
- Magenta (55%)
- Yellow (67%)
- Black (4%)



- Cyan (4%)
- Magenta (56%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.6460, -32.8565, 85.3795 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 147.6460, -32.8565, 85.3795 by changing the saturation by 10% instead.

147.6460,
-32.8565, 85.3795

147.6460,
-32.8565, 85.3795

255.0000, 0.0000,
0.0000

119.7920,
-30.9565, 82.6204

188.6210,
-28.4072, 58.2144

91.7530, -28.4722,
79.1466

208.1350,
-24.7166, 41.1006

62.5510, -25.4146,
78.4468

228.2360,
-21.3153, 23.4720

36.4780, -17.9837,
75.0028

248.4510,
-17.4773, 5.7435

27.2090, -13.4140,
55.9447

253.4040, -6.1152,
1.3997

18.9510, -8.8498,
38.6310

9.6820, -4.2802,

19.5729

■ 0.0000, 0.0000,
0.0000

■ 147.6460,
-32.8565, 85.3795

■ 147.6460,
-32.8565, 85.3795

■ 133.1700,
-37.5518, 98.0749

■ 162.2360,
-27.7243, 72.5840

■ 118.5800,
-42.6839, 110.8703

■ 176.7120,
-23.0290, 59.8886

■ 104.1040,
-47.3793, 123.5658

■ 191.3020,
-17.8969, 47.0931

■ 99.6700, -49.1373,
127.4544

■ 205.7780,
-13.2016, 34.3977

■ 220.2540, -8.5062,
21.7022

234.8440, -3.3741,
8.9068

249.3200, 1.3212,
-3.7886

252.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



147.9870, -6.4026, 93.8504



147.6460, -32.8565, 85.3795



146.7370, -54.5933, 57.2357

Triad

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



147.6460, -32.8565, 85.3795



115.8520, -2.8850, -101.6022



135.9350, 58.6990, -67.4720

Complementary

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



147.6460, -32.8565, 85.3795



178.3540, 32.8565, -85.3795

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.



128.2730, 62.4764, -112.4954



147.6460, -32.8565, 85.3795



124.4530, 22.4547, -109.1453

Square

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



147.6460, -32.8565, 85.3795



135.6010, -38.7503, -31.2221



129.4350, 46.6205, -113.5145



156.0170, 41.4036, 20.1561

Rectangle

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



147.6460, -32.8565, 85.3795



143.4060, -62.8112, 32.9699



129.4350, 46.6205, -113.5145



122.4030, 65.3703, -107.3474

Sweetspot

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



147.6460, -32.8565, 85.3795



224.5320, -10.1223, 26.7204



145.6540, 35.6666, 87.1264



109.2040, -6.0166, 16.4841



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.



147.6460, -32.8565, 85.3795



133.7150, -40.7785, 106.3669



194.0190, -55.7184, 44.7103



114.7620, -2.3477, 6.3477



75.5720, -37.2570, 96.8454



24.0980, -11.8803, 30.6091

Inverse Universe

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



178.3540, 32.8565, -85.3795



172.2850, 40.7785, -106.3669



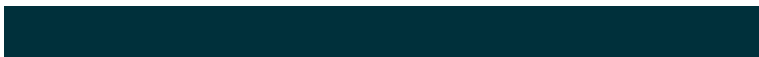
131.9810, 55.7184, -44.7103



117.2380, 2.3477, -6.3477



110.4280, 37.2570, -96.8454



34.9020, 11.8803, -30.6091

Previews

White Background



This preview shows how the YUV color 147.6460, -32.8565, 85.3795 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 147.6460, -32.8565, 85.3795 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 147.6460, -32.8565, 85.3795

Background



This preview shows how black text looks on a background with the YUV color 147.6460, -32.8565, 85.3795.



This preview shows how white text looks on a background with the YUV color 147.6460, -32.8565, 85.3795.

85.3795.

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

147.6460, -32.8565, 85.3795

Protanopia

149.8020, -26.5244, 14.2056

Deuteranopia

149.7630, -37.3512, 33.5338



Tritanopia

149.6580, -17.5794, 85.3689

Trichromacy



Original Color

147.6460, -32.8565, 85.3795

Protanomaly

149.0980, -28.6423, 40.2561

Deuteranomaly

149.3400, -35.6636, 52.3218

Tritanomaly

148.5780, -22.9630, 85.4391

Monochromacy



Original Color

147.6460, -32.8565, 85.3795

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.0980, -11.8803, 30.6091

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.6460, -32.8565, 85.3795 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(245, 111, 81)` looks like.

```
.text, #text, p{  
    color:rgb(245, 111, 81)  
}
```

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(245, 111, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 111, 81) }
```

Border

The CSS property to change the border of an element to YUV 147.6460, -32.8565, 85.3795 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(245, 111, 81) }
```


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

```
.border{ border-color:rgb(245, 111, 81) }
```

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

Here you see how a box with a 4 pixel rgb(245, 111, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 111, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 111, 81);  
box-shadow:4px 4px 4px 4px rgb(245, 111,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 147.6460, -32.8565, 85.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 111, 81) }
```

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

```
.background{ background-color: rgb(245,  
111, 81) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor