

Converting Colors

YUV(146.1510, -32.1194,
82.3056)

Have a look what the booklet for
YUV(146.1510, -32.1194, 82.3056)
contains.

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Color

**YUV(146.1510, -32.1194,
82.3056)**

Conversions

Conversions Part 1

Format	Color
Hex	F06F51
RGB	240, 111, 81
RGB Percent	94%, 44%, 32%
CMY	0.0588, 0.5647, 0.6824
CMYK	0.00, 0.54, 0.66, 0.06
HSL	11°, 84%, 63%
HSV	11°, 66%, 94%
XYZ	43.1048, 30.4882, 11.3975
YIQ	146.1510, 86.5140, 18.0180

Conversions

Conversions Part 2

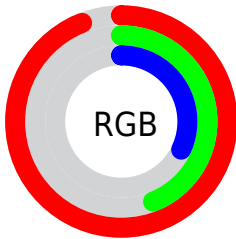
Format	Color
R _Y B	240, 118, 81
Decimal	15757137
CIE Lab	62.07, 47.63, 40.35
CIE LCh	62, 62.422, 40.274
Yxy	30.4882, 0.5072, 0.3587
Android (android.graphics.Color)	4293947217 (0xFFFF06F51)
YUV	146.1510, -32.1194, 82.3056
Hunter-Lab	55.2161, 42.7189, 26.4129

Details

The YUV color **146.1510, -32.1194, 82.3056** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **174.8490, 32.1194, -82.3056**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.6210, -28.4072, 58.2144**, and **91.1440, -28.1720, 76.1727** is the 20% darker color. If you saturate the color by 10%, you get **132.2620, -37.1042, 94.4862**, and if you desaturate by 10%, it is **160.0400, -27.1347, 70.1249**.

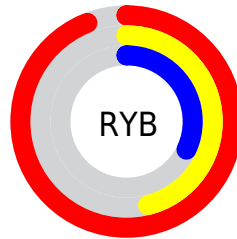
Distribution



Red (94%)

Green (44%)

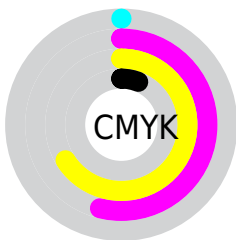
Blue (32%)



Red (94%)

Yellow (46%)

Blue (32%)

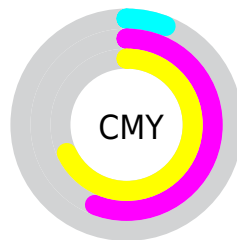


Cyan (0%)

Magenta (54%)

Yellow (66%)

Black (6%)



Cyan (6%)

Magenta (56%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.1510, -32.1194, 82.3056 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 146.1510, -32.1194, 82.3056 by changing the saturation by 10% instead.

146.1510,
-32.1194, 82.3056

146.1510,
-32.1194, 82.3056

255.0000, 0.0000,
0.0000

118.2970,
-30.2194, 79.5465

188.6210,
-28.4072, 58.2144

91.1440, -28.1720,
76.1727

208.1350,
-24.7166, 41.1006

62.3440, -24.8196,
74.2433

227.6490,
-21.0260, 23.9868

35.2820, -17.3940,
72.5437

248.4510,
-17.4773, 5.7435

26.0130, -12.8244,
53.4856

253.4040, -6.1152,
1.3997

18.0540, -8.4076,
36.7866

8.1870, -3.5432,

16.4990

■ 0.0000, 0.0000,
0.0000

■ 146.1510,
-32.1194, 82.3056

■ 146.1510,
-32.1194, 82.3056

■ 132.2620,
-37.1042, 94.4862

■ 160.0400,
-27.1347, 70.1249

■ 117.7860,
-41.7995, 107.1817

■ 174.5160,
-22.4394, 57.4295

■ 103.8970,
-46.7842, 119.3623

■ 188.4050,
-17.4547, 45.2488

■ 98.1750, -48.4003,
124.3805

■ 202.8810,
-12.7593, 32.5534

■ 216.7700, -7.7746,
20.3727

■ 231.2460, -3.0793,
7.6773

■ 245.1350, 1.9054,
-4.5034

■ 250.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



146.8510, -6.8285, 90.4617



146.1510, -32.1194, 82.3056



145.2960, -52.4039, 54.9914

Triad

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



146.1510, -32.1194, 82.3056



114.7920, -1.8695, -100.6726



137.1530, 58.0986, -61.5242

Complementary

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



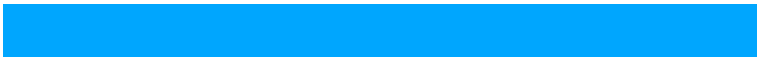
146.1510, -32.1194, 82.3056



174.8490, 32.1194, -82.3056

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.



126.3980, 62.9078, -110.8510



146.1510, -32.1194, 82.3056



122.4640, 22.4492, -107.4009

Square

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



146.1510, -32.1194, 82.3056



134.6550, -37.2979, -30.3924



127.2180, 45.7415, -111.5702



154.2620, 39.8038, 19.9412

Rectangle

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



146.1510, -32.1194, 82.3056



142.3070, -59.3114, 30.4258



127.2180, 45.7415, -111.5702



120.6420, 66.2385, -105.8030

Sweetspot

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



146.1510, -32.1194, 82.3056



225.1190, -10.4117, 26.2056



143.3610, 33.3460, 84.7524



109.7910, -6.3060, 15.9693



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.



146.1510, -32.1194, 82.3056



134.3020, -41.0679, 105.8521



192.5240, -54.9813, 41.6365



112.7620, -2.3477, 6.3477



75.5610, -37.2516, 95.1010



23.2010, -11.4381, 28.7647

Inverse Universe

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



174.8490, 32.1194, -82.3056



171.6980, 41.0679, -105.8521



128.4760, 54.9813, -41.6365



115.2380, 2.3477, -6.3477



108.4390, 37.2516, -95.1010



33.3860, 11.1487, -29.2795

Previews

White Background



This preview shows how the YUV color 146.1510, -32.1194, 82.3056 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 146.1510, -32.1194, 82.3056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

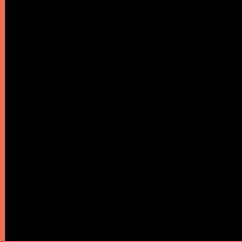
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 146.1510, -32.1194, 82.3056

Background



This preview shows how black text looks on a background with the YUV color 146.1510, -32.1194, 82.3056.



This preview shows how white text looks on a background with the YUV color 146.1510, -32.1194, 82.3056.

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

146.1510, -32.1194, 82.3056

Protanopia

147.9160, -26.0876, 14.1057

Deuteranopia

147.6920, -36.3302, 32.7191



Tritanopia

148.1630, -16.8424, 82.2950

Trichromacy



Original Color

146.1510, -32.1194, 82.3056

Protanomaly

147.5000, -28.3475, 39.0265

Deuteranomaly

146.9700, -34.4952, 50.8923

Tritanomaly

147.0830, -22.2259, 82.3652

Monochromacy



Original Color

146.1510, -32.1194, 82.3056

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.7990, -11.7329, 29.9943

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.1510, -32.1194, 82.3056 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(240, 111, 81)` looks like.

```
.text, #text, p{  
    color:rgb(240, 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(240, 111, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 111, 81) }
```

Border

The CSS property to change the border of an element to YUV 146.1510, -32.1194, 82.3056 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(240, 111, 81) }
```


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

```
.border{ border-color:rgb(240, 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(240, 111, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 111, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 111, 81);  
box-shadow:4px 4px 4px 4px rgb(240, 111,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 146.1510, -32.1194, 82.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 111, 81) }
```

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

```
.background{ background-color: rgb(240,  
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](#).

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