

# Converting Colors

YUV(146.4910, -61.3741,  
85.5154)

Have a look what the booklet for  
YUV(146.4910, -61.3741, 85.5154)  
contains.

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# Color

**YUV(146.4910, -61.3741,  
85.5154)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F47916
RGB	244, 121, 22
RGB Percent	96%, 47%, 9%
CMY	0.0431, 0.5255, 0.9137
CMYK	0.00, 0.50, 0.91, 0.04
HSL	27°, 91%, 52%
HSV	27°, 91%, 96%
XYZ	44.2904, 32.9658, 4.7877
YIQ	146.4910, 105.0870, -4.7130

# Conversions

## Conversions Part 2

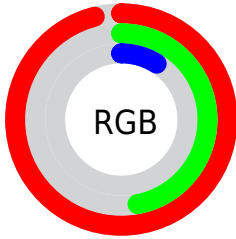
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	244, 201, 22
Decimal	16021782
CIE Lab	64.13, 42.24, 67.57
CIE LCh	64, 79.684, 57.991
Yxy	32.9658, 0.5398, 0.4018
Android (android.graphics.Color)	4294211862 (0xFFFF47916)
YUV	146.4910, -61.3741, 85.5154
Hunter-Lab	57.4158, 37.2167, 35.2471

# Details

The YUV color **146.4910, -61.3741, 85.5154** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **119.5090, 61.3741, -85.5154**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.0900, -53.2884, 58.6801**, and **94.3230, -46.5012, 75.1387** is the 20% darker color. If you saturate the color by 10%, you get **136.9390, -67.5109, 93.8925**, and if you desaturate by 10%, it is **157.4450, -54.9424, 75.9087**.

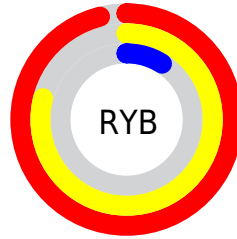
# Distribution



Red (96%)

Green (47%)

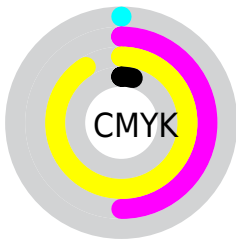
Blue (9%)



Red (96%)

Yellow (79%)

Blue (9%)

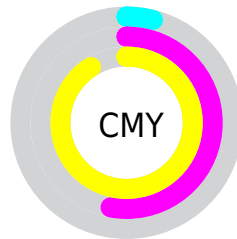


Cyan (0%)

Magenta (50%)

Yellow (91%)

Black (4%)



Cyan (4%)

Magenta (53%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 146.4910, -61.3741, 85.5154 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 146.4910, -61.3741, 85.5154 by changing the saturation by 10% instead.



146.4910,  
-61.3741, 85.5154

146.4910,  
-61.3741, 85.5154

255.0000, 0.0000,  
0.0000

119.1530,  
-58.7424, 81.4268

188.0900,  
-53.2884, 58.6801

94.3230, -46.5012,  
75.1387

207.6040,  
-49.5978, 41.5663

69.7920, -34.4075,  
69.4654

227.7050,  
-46.1966, 23.9377

43.5000, -21.4455,  
65.3365

244.3980,  
-40.6222, 9.2980

26.3120, -12.9718,  
54.1004

247.5900,  
-28.3919, 6.4986


17.9400, -8.8444,  
36.8866

250.7820,


9.3830, -4.1328,


-16.1615, 3.6992


18.9581

 254.0880, -3.4944,  
0.7998

 0.0000, 0.0000,  
0.0000

 146.4910,  
-61.3741, 85.5154


 146.4910,  
-61.3741, 85.5154


 136.9390,  
-67.5109, 93.8925

 157.4450,  
-54.9424, 75.9087

 167.9260,  
-47.7845, 66.7169

 178.8800,  
-41.3528, 57.1102

 189.3610,  
-34.1950, 47.9184

 200.3150,  
-27.7633, 38.3117

210.6820,  
-21.0422, 29.2199

221.7500,  
-14.1738, 19.5132

232.1170, -7.4527,  
10.4214

243.1850, -0.5842,  
0.7148

# Harmonies

## Analogous

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



137.9160, -22.1436, 102.6827



146.4910, -61.3741, 85.5154



145.7460, -71.8528, 39.6878

# Triad

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



146.4910, -61.3741, 85.5154



126.6410, 10.5300, -111.0642



152.2240, 50.6686, -11.5974

# Complementary

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



146.4910, -61.3741, 85.5154



119.5090, 61.3741, -85.5154

# 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.



126.5120, 63.3446, -110.9510



146.4910, -61.3741, 85.5154



134.9630, 42.4162, -118.3626

# Square

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



146.4910, -61.3741, 85.5154



115.2700, -20.3461, -101.0918



135.3170, 59.0037, -118.6730



156.5870, 37.1786, 68.7682



# Rectangle

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



146.4910, -61.3741, 85.5154



140.8080, -69.4183, 5.4304



135.3170, 59.0037, -118.6730



139.8550, 56.7665, -54.2468

# Sweetspot

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



146.4910, -61.3741, 85.5154



224.8280, -19.1422, 26.4608



102.7420, 22.3122, 123.8833



109.8250, -11.2527, 15.9395



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.



146.4910, -61.3741, 85.5154



143.1630, -70.5794, 98.0810



209.8870, -92.6283, 29.9171



117.1100, -3.5052, 4.2885



104.3350, -51.4372, 71.6202



32.9030, -16.2212, 22.8871

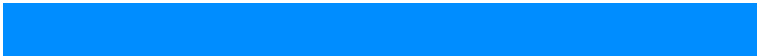


# Inverse Universe

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



119.5090, 61.3741, -85.5154



111.8370, 70.5794, -98.0810



56.1130, 92.6283, -29.9171



115.4770, 3.2158, -4.8033



81.6650, 51.4372, -71.6202



25.5100, 16.5106, -22.3723



# Previews

## White Background



This preview shows how the YUV color 146.4910, -61.3741, 85.5154 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 146.4910, -61.3741, 85.5154 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 146.4910, -61.3741, 85.5154 Background



This preview shows how black text looks on a background with the YUV color 146.4910, -61.3741, 85.5154.



This preview shows how white text looks on a background with the YUV color 146.4910, -61.3741, 85.5154.



# 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

146.4910, -61.3741, 85.5154

### Protanopia

147.5450, -56.9637, 24.0780

### Deuteranopia

145.7790, -71.8690, 44.9208



## Tritanopia

154.1630, -16.8424, 82.2950

# Trichromacy



## Original Color

146.4910, -61.3741, 85.5154

## Protanomaly

146.9330, -58.6340, 46.5398

## Deuteranomaly

145.9040, -67.9867, 59.7202

## Tritanomaly

151.5210, -33.2879, 83.7351

# Monochromacy



## Original Color

146.4910, -61.3741, 85.5154

## Achromatopsia

146.0000, 0.0000, 0.0000

## Achromatomaly

146.3510, -22.3580, 31.2642

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 146.4910, -61.3741, 85.5154 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(244, 121, 22)` looks like.

```
.text, #text, p{  
    color:rgb(244, 121, 22)  
}
```

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(244, 121, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 121, 22) }
```

## Border

The CSS property to change the border of an element to YUV 146.4910, -61.3741, 85.5154 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(244, 121, 22) }
```



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

```
.border{ border-color:rgb(244, 121, 22) }
```

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

Here you see how a box with a 4 pixel rgb(244, 121, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 121, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 121, 22);  
box-shadow:4px 4px 4px 4px rgb(244, 121,  
22) }
```

# Background

The CSS property to change the background color of an element to YUV 146.4910, -61.3741, 85.5154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 121, 22) }
```

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

```
.background{ background-color: rgb(244,  
121, 22) }
```

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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