

# Converting Colors

YUV(142.4740, -38.6877,  
89.0383)

Have a look what the booklet for  
YUV(142.4740, -38.6877, 89.0383)  
contains.

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# Color

**YUV(142.4740, -38.6877,  
89.0383)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F46A40
RGB	244, 106, 64
RGB Percent	96%, 42%, 25%
CMY	0.0431, 0.5843, 0.7490
CMYK	0.00, 0.57, 0.74, 0.04
HSL	14°, 89%, 60%
HSV	14°, 74%, 96%
XYZ	43.3877, 29.9113, 8.3372
YIQ	142.4740, 95.7300, 16.1940

# Conversions

## Conversions Part 2

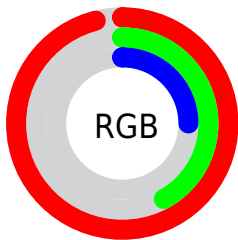
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">244, 119, 64</a>
Decimal	<a href="#">16017984</a>
CIELab	<a href="#">61.58, 50.60, 48.83</a>
CIELCh	<a href="#">62, 70.317, 43.978</a>
Yxy	<a href="#">29.9113, 0.5315, 0.3664</a>
Android (android.graphics.Color)	<a href="#">4294208064 (0xFFFF46A40)</a>
YUV	<a href="#">142.4740, -38.6877, 89.0383</a>
Hunter-Lab	<a href="#">54.6913, 45.8980, 29.2457</a>

# Details

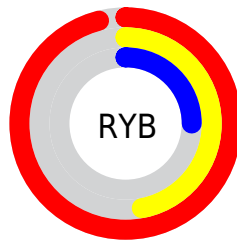
The YUV color **142.4740, -38.6877, 89.0383** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **165.5260, 38.6877, -89.0383**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.7480, -34.3858, 62.4880**, and **85.7660, -34.8876, 83.5202** is the 20% darker color. If you saturate the color by 10%, you get **128.5850, -43.6724, 101.2190**, and if you desaturate by 10%, it is **156.3630, -33.7030, 76.8576**.

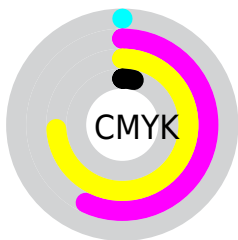
# Distribution



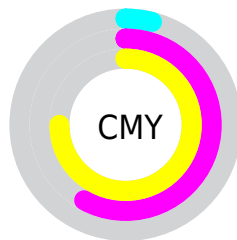
- Red (96%)
- Green (42%)
- Blue (25%)



- Red (96%)
- Yellow (47%)
- Blue (25%)



- Cyan (0%)
- Magenta (57%)
- Yellow (74%)
- Black (4%)



- Cyan (4%)
- Magenta (58%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 142.4740, -38.6877, 89.0383 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 142.4740, -38.6877, 89.0383 by changing the saturation by 10% instead.



142.4740,  
-38.6877, 89.0383

142.4740,  
-38.6877, 89.0383

255.0000, 0.0000,  
0.0000

114.3210,  
-36.6403, 85.6645

183.7480,  
-34.3858, 62.4880

85.7660, -34.8876,  
83.5202

203.1480,  
-31.1320, 45.4742

56.0030, -27.6095,  
82.4354

223.2490,  
-27.7308, 27.8456

35.5810, -17.5414,  
73.1585

243.3500,  
-24.3295, 10.2171

26.6110, -13.1192,  
54.7152

251.3520,  
-13.9775, 3.1993

18.4670, -8.1182,  
37.3014

254.5440, -1.7472,

8.4860, -3.6906,

0.3999

17.1138

■ 0.0000, 0.0000,  
0.0000

■ 142.4740,  
-38.6877, 89.0383

■ 142.4740,  
-38.6877, 89.0383

■ 128.5850,  
-43.6724, 101.2190

■ 156.3630,  
-33.7030, 76.8576

■ 115.1690,  
-49.3833, 112.9848


■ 169.7790,  
-27.9920, 65.0918

■ 106.4150,  
-52.4626, 120.6620


■ 183.6680,  
-23.0073, 52.9112

■ 197.6710,  
-17.5858, 40.6305

■ 211.5600,  
-12.6011, 28.4499

 224.8620, -7.3270,  
16.7840

 238.8650, -1.9054,  
4.5034

 251.7110, 1.6215,  
-6.7625

# Harmonies

## Analogous

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



139.4610, -8.6083, 101.3277



142.4740, -38.6877, 89.0383



139.3660, -68.7074, 57.5610

# Triad

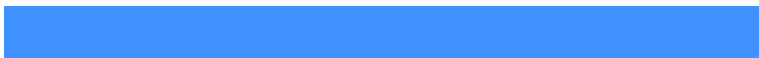
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



142.4740, -38.6877, 89.0383



115.4930, -1.7220, -101.2874



133.6090, 59.8458, -61.9241

# Complementary

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



142.4740, -38.6877, 89.0383



165.5260, 38.6877, -89.0383

# 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.



125.9250, 63.6340, -110.4362



142.4740, -38.6877, 89.0383



124.0770, 26.0910, -108.8155

# Square

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



142.4740, -38.6877, 89.0383



127.3390, -38.1281, -44.1473



129.4010, 51.5673, -113.4847



152.7240, 42.5341, 30.9371



# Rectangle

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



142.4740, -38.6877, 89.0383



138.2930, -68.1784, 27.8070



129.4010, 51.5673, -113.4847



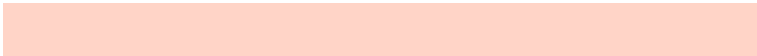
119.4680, 66.8173, -104.7734

# Sweetspot

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



142.4740, -38.6877, 89.0383



223.3750, -12.0169, 27.7351



133.5520, 33.7449, 96.8629



108.8620, -7.3270, 16.7840



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.



142.4740, -38.6877, 89.0383



126.9840, -48.7991, 112.2700



195.3040, -64.7329, 42.7064



115.3490, -2.6371, 5.8329



80.8550, -39.8615, 92.2122



25.8590, -12.7485, 29.0647



# Inverse Universe

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



165.5260, 38.6877, -89.0383



156.0160, 48.7991, -112.2700



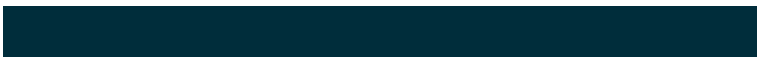
112.6960, 64.7329, -42.7064



117.2380, 2.3477, -6.3477



105.1450, 39.8615, -92.2122



33.1410, 12.7485, -29.0647



# Previews

## White Background



This preview shows how the YUV color 142.4740, -38.6877, 89.0383 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 142.4740, -38.6877, 89.0383 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 × Fail

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

# YUV 142.4740, -38.6877, 89.0383

## Background



This preview shows how black text looks on a background with the YUV color 142.4740, -38.6877, 89.0383.



This preview shows how white text looks on a background with the YUV color 142.4740, -38.6877, 89.0383.



# 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

142.4740, -38.6877, 89.0383

### Protanopia

145.5760, -33.8080, 17.0348

### Deuteranopia

145.2380, -44.4873, 35.7483



## Tritanopia

145.0390, -18.7532, 88.5428

# Trichromacy



## Original Color

142.4740, -38.6877, 89.0383

## Protanomaly

144.2850, -35.6365, 43.6001

## Deuteranomaly

144.2280, -42.5104, 55.0510

## Tritanomaly

144.0900, -26.1734, 88.4981

# Monochromacy



## Original Color

142.4740, -38.6877, 89.0383

## Achromatopsia

142.0000, 0.0000, 0.0000

## Achromatomaly

142.2400, -13.9223, 32.2385

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 142.4740, -38.6877, 89.0383 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, 106, 64)` looks like.

```
.text, #text, p{  
    color:rgb(244, 106, 64)  
}
```

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, 106, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 106, 64) }
```

## Border

The CSS property to change the border of an element to YUV 142.4740, -38.6877, 89.0383 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, 106, 64) }
```



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

```
.border{ border-color:rgb(244, 106, 64) }
```

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

Here you see how a box with a 4 pixel rgb(244, 106, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 106, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 106, 64);  
box-shadow:4px 4px 4px 4px rgb(244, 106,  
64) }
```

# Background

The CSS property to change the background color of an element to YUV 142.4740, -38.6877, 89.0383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 106, 64) }
```

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

```
.background{ background-color: rgb(244,  
106, 64) }
```

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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