

# Converting Colors

YUV(143.3690, -49.4819,  
97.9004)

Have a look what the booklet for  
YUV(143.3690, -49.4819, 97.9004)  
contains.

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# Color

**YUV(143.3690, -49.4819,  
97.9004)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF6A2B
RGB	255, 106, 43
RGB Percent	100%, 42%, 17%
CMY	0.0000, 0.5843, 0.8314
CMYK	0.00, 0.58, 0.83, 0.00
HSL	18°, 100%, 58%
HSV	18°, 83%, 100%
XYZ	46.8301, 31.7425, 5.9442
YIQ	143.3690, 109.0270, 11.9950

# Conversions

## Conversions Part 2

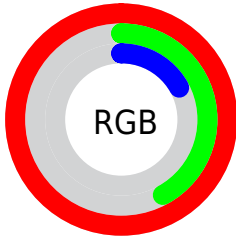
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 133, 43
Decimal	16738859
CIE Lab	63.13, 53.84, 60.56
CIE LCh	63, 81.029, 48.364
Yxy	31.7425, 0.5541, 0.3756
Android (android.graphics.Color)	4294928939 (0xFFFF6A2B)
YUV	143.3690, -49.4819, 97.9004
Hunter-Lab	56.3405, 49.7730, 33.1829

# Details

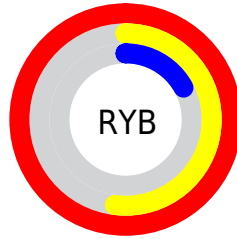
The YUV color **143.3690, -49.4819, 97.9004** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **154.6310, 49.4819, -97.9004**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.5820, -42.6849, 64.3876**, and **86.1600, -42.4769, 91.0677** is the 20% darker color. If you saturate the color by 10%, you get **129.9530, -55.1928, 109.6662**, and if you desaturate by 10%, it is **156.8990, -43.3342, 86.0346**.

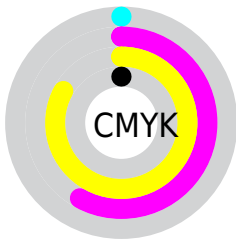
# Distribution



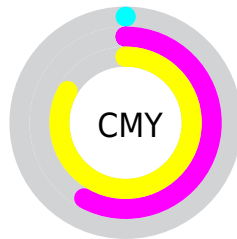
- Red (100%)
- Green (42%)
- Blue (17%)



- Red (100%)
- Yellow (52%)
- Blue (17%)



- Cyan (0%)
- Magenta (58%)
- Yellow (83%)
- Black (0%)



- Cyan (0%)
- Magenta (58%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 143.3690, -49.4819, 97.9004 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 143.3690, -49.4819, 97.9004 by changing the saturation by 10% instead.



143.3690,  
-49.4819, 97.9004

143.3690,  
-49.4819, 97.9004

255.0000, 0.0000,  
0.0000

114.3470,  
-49.4711, 94.4117

181.5820,  
-42.6849, 64.3876

86.1600, -42.4769,  
91.0677

201.5690,  
-39.7205, 46.8590

55.7590, -27.4892,  
90.5424

220.9690,  
-36.4667, 29.8452

37.9730, -18.7207,  
78.0767

241.7710,  
-32.9181, 11.6018

28.7040, -14.1511,  
59.0186

249.0720,  
-22.7135, 5.1989

20.4460, -9.5869,  
41.7049

252.2640,

11.4760, -5.1647,

-10.4832, 2.3995

23.2615

■ 0.0000, 0.0000,  
0.0000

■ 143.3690,  
-49.4819, 97.9004

■ 143.3690,  
-49.4819, 97.9004

■ 129.9530,  
-55.1928, 109.6662

■ 156.8990,  
-43.3342, 86.0346

■ 120.8570,  
-59.5825, 117.6434

■ 170.3150,  
-37.6233, 74.2687

■ 183.8450,  
-31.4756, 62.4029

■ 197.2610,  
-25.7647, 50.6371

■ 210.7910,  
-19.6170, 38.7713

224.2070,  
-13.9061, 27.0055

237.1500, -7.4689,  
15.6545

250.5660, -1.7580,  
3.8886

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



131.2770, -9.5036, 108.5051



143.3690, -49.4819, 97.9004



143.4860, -70.7386, 55.7018

# Triad

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



143.3690, -49.4819, 97.9004



121.2150, -0.1060, -106.3056



136.5990, 58.3717, -55.7763

# Complementary

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



143.3690, -49.4819, 97.9004



154.6310, 49.4819, -97.9004

# 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.



128.8600, 62.1870, -113.0102



143.3690, -49.4819, 97.9004



130.9390, 32.0751, -114.8335

# Square

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



143.3690, -49.4819, 97.9004



119.0920, -37.0204, -72.8717



135.3170, 59.0037, -118.6730



155.8600, 46.4110, 47.4808



# Rectangle

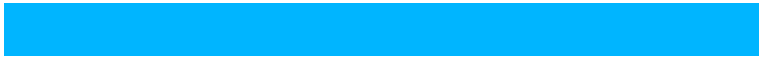
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



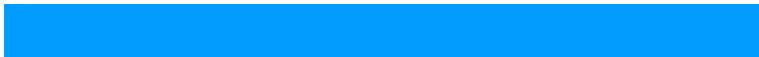
143.3690, -49.4819, 97.9004



141.2060, -69.6146, 21.7443



135.3170, 59.0037, -118.6730



120.0550, 66.5279, -105.2882

# Sweetspot

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



143.3690, -49.4819, 97.9004



221.2890, -14.9325, 29.5645



123.7160, 35.1430, 115.1361



107.7050, -9.2216, 17.7987



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.



143.3690, -49.4819, 97.9004



120.8570, -59.5825, 117.6434



203.8300, -79.2892, 44.8761



121.2350, -3.0739, 5.9329



90.5680, -44.6500, 88.0789



30.2890, -14.9325, 29.5645



# Inverse Universe

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



154.6310, 49.4819, -97.9004



134.1430, 59.5825, -117.6434



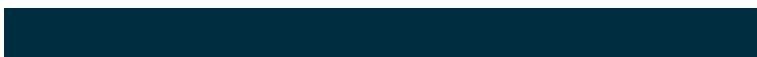
94.1700, 79.2892, -44.8761



121.7650, 3.0739, -5.9329



100.4320, 44.6500, -88.0789



33.7110, 14.9325, -29.5645



# Previews

## White Background



This preview shows how the YUV color 143.3690, -49.4819, 97.9004 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 143.3690, -49.4819, 97.9004 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 143.3690, -49.4819, 97.9004 Background



This preview shows how black text looks on a background with the YUV color 143.3690, -49.4819, 97.9004.



This preview shows how white text looks on a background with the YUV color 143.3690, -49.4819, 97.9004.



# 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

143.3690, -49.4819, 97.9004

### Protanopia

147.2100, -45.4595, 20.8638

### Deuteranopia

145.7860, -59.0545, 41.4067



## Tritanopia

148.3170, -20.3693, 93.5610

# Trichromacy



## Original Color

143.3690, -49.4819, 97.9004

## Protanomaly

146.0440, -46.8567, 49.0734

## Deuteranomaly

145.1290, -55.7726, 62.1539

## Tritanomaly

146.2820, -30.7050, 95.3457

# Monochromacy



## Original Color

143.3690, -49.4819, 97.9004

## Achromatopsia

143.0000, 0.0000, 0.0000

## Achromatomaly

143.5240, -18.0063, 35.4975

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 143.3690, -49.4819, 97.9004 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(255, 106, 43)` looks like.

```
.text, #text, p{  
    color:rgb(255, 106, 43)  
}
```

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(255, 106, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 106, 43) }
```

## Border

The CSS property to change the border of an element to YUV 143.3690, -49.4819, 97.9004 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(255, 106, 43) }
```



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

```
.border{ border-color:rgb(255, 106, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 106, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 106, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 106, 43);  
box-shadow:4px 4px 4px 4px rgb(255, 106,  
43) }
```

# Background

The CSS property to change the background color of an element to YUV 143.3690, -49.4819, 97.9004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 106, 43) }
```

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

```
.background{ background-color: rgb(255,  
106, 43) }
```

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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