

# Converting Colors

YUV(150.4640, -43.6128,  
82.0311)

Have a look what the booklet for  
YUV(150.4640, -43.6128, 82.0311)  
contains.

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# Color

**YUV(150.4640, -43.6128,  
82.0311)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F4783E
RGB	244, 120, 62
RGB Percent	96%, 47%, 24%
CMY	0.0431, 0.5294, 0.7569
CMYK	0.00, 0.51, 0.75, 0.04
HSL	19°, 89%, 60%
HSV	19°, 75%, 96%
XYZ	44.8942, 33.0138, 8.5636
YIQ	150.4640, 92.5220, 8.2500

# Conversions

## Conversions Part 2

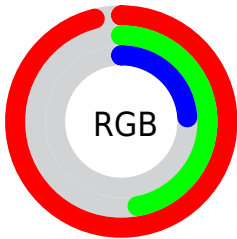
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 147, 62
Decimal	16021566
CIE <sub>Lab</sub>	64.17, 43.82, 52.54
CIE <sub>LCh</sub>	64, 68.416, 50.168
Yxy	33.0138, 0.5192, 0.3818
Android (android.graphics.Color)	4294211646 (0xFFFF4783E)
YUV	150.4640, -43.6128, 82.0311
Hunter-Lab	57.4577, 38.9190, 31.3837

# Details

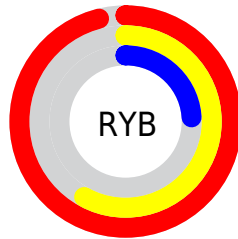
The YUV color **150.4640, -43.6128, 82.0311** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **155.5360, 43.6128, -82.0311**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.2650, -38.5846, 55.8956**, and **95.0610, -42.4281, 75.3685** is the 20% darker color. If you saturate the color by 10%, you get **137.7490, -49.1763, 93.1821**, and if you desaturate by 10%, it is **163.1790, -38.0492, 70.8800**.

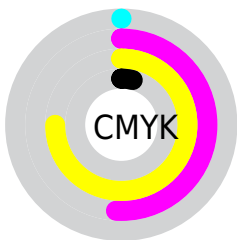
# Distribution



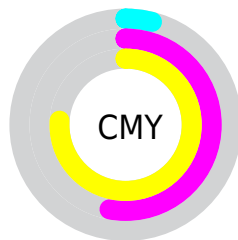
- Red (96%)
- Green (47%)
- Blue (24%)



- Red (96%)
- Yellow (58%)
- Blue (24%)



- Cyan (0%)
- Magenta (51%)
- Yellow (75%)
- Black (4%)



- Cyan (4%)
- Magenta (53%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 150.4640, -43.6128, 82.0311 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 150.4640, -43.6128, 82.0311 by changing the saturation by 10% instead.



150.4640,  
-43.6128, 82.0311

150.4640,  
-43.6128, 82.0311

255.0000, 0.0000,  
0.0000

122.7840,  
-42.2915, 78.2424

191.2650,  
-38.5846, 55.8956

95.0610, -42.4281,  
75.3685

210.6650,  
-35.3308, 38.8818

68.9170, -33.9761,  
71.1098

230.7660,  
-31.9296, 21.2532

41.1630, -20.2934,  
69.1400

247.9320,  
-27.0815, 6.1986

26.9100, -13.2666,  
55.3299

251.2380,  
-14.4143, 3.2993

18.5380, -9.1392,  
38.1162

254.5440, -1.7472,

9.6820, -4.2802,

0.3999

19.5729

■ 0.0000, 0.0000,  
0.0000

■ 150.4640,  
-43.6128, 82.0311

■ 150.4640,  
-43.6128, 82.0311

■ 137.7490,  
-49.1763, 93.1821

■ 163.1790,  
-38.0492, 70.8800

■ 125.5070,  
-55.4660, 103.9184

■ 175.4210,  
-31.7596, 60.1438

■ 118.7420,  
-58.5398, 109.8513

■ 188.1360,  
-26.1960, 48.9927

■ 200.3780,  
-19.9064, 38.2565

■ 213.0930,  
-14.3428, 27.1054

■ 225.8080, -8.7793,  
15.9544

■ 238.0500, -2.4897,  
5.2181

■ 250.5370, 2.2003,  
-5.7329

■ 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.



146.5220, -14.5543, 95.1352



150.4640, -43.6128, 82.0311



147.2400, -67.6593, 48.0245

# Triad

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



150.4640, -43.6128, 82.0311



122.5830, 5.1356, -107.5053



150.0320, 51.7492, -31.6001

# Complementary

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



150.4640, -43.6128, 82.0311



155.5360, 43.6128, -82.0311

# 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



150.4640, -43.6128, 82.0311



130.3520, 32.3645, -114.3187

# Square

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



150.4640, -43.6128, 82.0311



132.1400, -29.6490, -57.1278



134.0460, 56.6723, -117.5583



159.7210, 37.1125, 43.2177



# Rectangle

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



150.4640, -43.6128, 82.0311



142.9670, -70.4827, 20.1999



134.0460, 56.6723, -117.5583



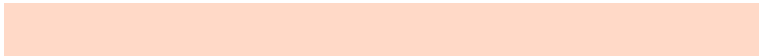
135.2930, 59.0156, -75.6790

# Sweetspot

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



150.4640, -43.6128, 82.0311



226.3100, -13.4638, 25.1611



130.5540, 27.3349, 99.4921



110.6230, -8.1951, 15.2396



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.



150.4640, -43.6128, 82.0311



137.2080, -55.3185, 103.3036



203.8810, -69.9473, 35.1844



115.9360, -2.9264, 5.3181



90.2470, -44.4918, 83.9754



28.7940, -14.1954, 26.4907

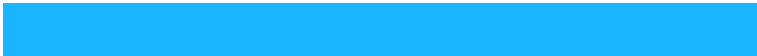


# Inverse Universe

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



155.5360, 43.6128, -82.0311



143.3790, 55.0292, -103.8184



102.1190, 69.9473, -35.1844



116.0640, 2.9264, -5.3181



95.7530, 44.4918, -83.9754



30.2060, 14.1954, -26.4907



# Previews

## White Background



This preview shows how the YUV color 150.4640, -43.6128, 82.0311 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 150.4640, -43.6128, 82.0311 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 150.4640, -43.6128, 82.0311

## Background



This preview shows how black text looks on a background with the YUV color 150.4640, -43.6128, 82.0311.



This preview shows how white text looks on a background with the YUV color 150.4640, -43.6128, 82.0311.



# 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

150.4640, -43.6128, 82.0311

### Protanopia

151.6210, -38.7602, 18.7494

### Deuteranopia

151.3370, -47.9871, 38.2925



## Tritanopia

153.9780, -16.2582, 81.5803

# Trichromacy



## Original Color

150.4640, -43.6128, 82.0311

## Protanomaly

151.3080, -40.5778, 41.8259

## Deuteranomaly

151.1910, -46.4362, 54.2065

## Tritanomaly

153.0460, -26.1517, 81.5207

# Monochromacy



## Original Color

150.4640, -43.6128, 82.0311

## Achromatopsia

150.0000, 0.0000, 0.0000

## Achromatomaly

150.0610, -15.8061, 29.7645

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 150.4640, -43.6128, 82.0311 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, 120, 62)` looks like.

```
.text, #text, p{  
    color:rgb(244, 120, 62)  
}
```

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, 120, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 120, 62) }
```

## Border

The CSS property to change the border of an element to YUV 150.4640, -43.6128, 82.0311 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, 120, 62) }
```



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

```
.border{ border-color:rgb(244, 120, 62) }
```

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

Here you see how a box with a 4 pixel rgb(244, 120, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 120, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 120, 62);  
box-shadow:4px 4px 4px 4px rgb(244, 120,  
62) }
```

# Background

The CSS property to change the background color of an element to YUV 150.4640, -43.6128, 82.0311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 120, 62) }
```

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

```
.background{ background-color: rgb(244,  
120, 62) }
```

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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