

# Converting Colors

YUV(147.2660, -36.6131,  
76.9427)

Have a look what the booklet for  
YUV(147.2660, -36.6131, 76.9427)  
contains.

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# Color

**YUV(147.2660, -36.6131,  
76.9427)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EB7549
RGB	235, 117, 73
RGB Percent	92%, 46%, 29%
CMY	0.0784, 0.5412, 0.7137
CMYK	0.00, 0.50, 0.69, 0.08
HSL	16°, 80%, 60%
HSV	16°, 69%, 92%
XYZ	41.8248, 30.8658, 10.0566
YIQ	147.2660, 84.4520, 11.3320

# Conversions

## Conversions Part 2

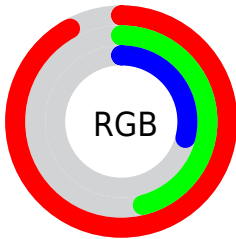
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 133, 73
Decimal	15430985
CIE Lab	62.39, 42.40, 44.76
CIE LCh	62, 61.653, 46.548
Yxy	30.8658, 0.5055, 0.3730
Android (android.graphics.Color)	4293621065 (0xFFEB7549)
YUV	147.2660, -36.6131, 76.9427
Hunter-Lab	55.5570, 37.1550, 28.1575

# Details

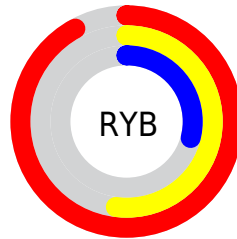
The YUV color **147.2660, -36.6131, 76.9427** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **160.7340, 36.6131, -76.9427**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.6440, -33.3485, 56.4402**, and **92.7320, -33.3919, 70.3950** is the 20% darker color. If you saturate the color by 10%, you get **134.6650, -41.7398, 87.9938**, and if you desaturate by 10%, it is **159.9810, -31.0496, 65.7917**.

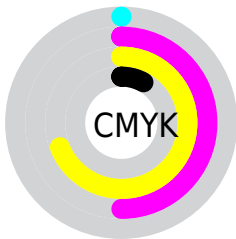
# Distribution



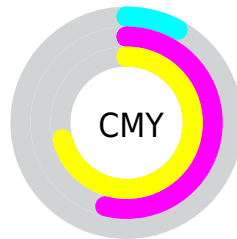
- Red (92%)
- Green (46%)
- Blue (29%)



- Red (92%)
- Yellow (52%)
- Blue (29%)



- Cyan (0%)
- Magenta (50%)
- Yellow (69%)
- Black (8%)



- Cyan (8%)
- Magenta (54%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 147.2660, -36.6131, 76.9427 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 147.2660, -36.6131, 76.9427 by changing the saturation by 10% instead.



147.2660,  
-36.6131, 76.9427

147.2660,  
-36.6131, 76.9427

255.0000, 0.0000,  
0.0000

119.9990,  
-35.0025, 73.6689

190.6440,  
-33.3485, 56.4402

92.7320, -33.3919,  
70.3950

210.0440,  
-30.0947, 39.4264

65.6500, -32.3654,  
67.8360

230.2590,  
-26.2567, 21.6979

37.3090, -18.3933,  
66.3810

249.1860,  
-22.2767, 5.0989

25.1160, -12.3822,  
51.6413

252.4920, -9.6096,  
2.1995

17.1570, -7.9654,  
34.9423

6.2790, -3.0955,

12.9103

■ 0.0000, 0.0000,  
0.0000

■ 147.2660,  
-36.6131, 76.9427

■ 147.2660,  
-36.6131, 76.9427

■ 134.6650,  
-41.7398, 87.9938

■ 159.9810,  
-31.0496, 65.7917

■ 121.9500,  
-47.3033, 99.1449

■ 172.5820,  
-25.9229, 54.7406

■ 109.2350,  
-52.8669, 110.2959

■ 185.1830,  
-20.7962, 43.6895

■ 107.8330,  
-53.1617, 111.5255

■ 197.8980,  
-15.2327, 32.5385

■ 211.2000, -9.9586,  
20.8726

■ 223.8010, -4.8319,  
9.8215

■ 236.5160, 0.7316,  
-1.3295

■ 248.4330, 3.2375,  
-11.7807

■ 249.0200, 2.9481,  
-12.2955

# Harmonies

## Analogous

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



147.4720, -12.0647, 89.9171



147.2660, -36.6131, 76.9427



145.0840, -54.2714, 47.2843

# Triad

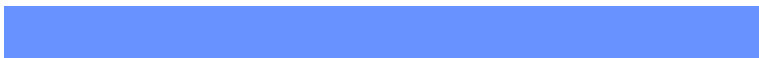
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



147.2660, -36.6131, 76.9427



116.8610, 3.5195, -102.4871



145.5690, 53.9495, -37.3330

# Complementary

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



147.2660, -36.6131, 76.9427



160.7340, 36.6131, -76.9427

# 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.



125.3380, 63.9234, -109.9214



147.2660, -36.6131, 76.9427



124.4190, 27.4014, -109.1155

# Square

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



147.2660, -36.6131, 76.9427



133.0110, -30.5714, -41.2286



128.2440, 49.6727, -112.4700



155.4870, 35.2559, 32.0219



# Rectangle

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



147.2660, -36.6131, 76.9427



142.4200, -57.3951, 22.4337



128.2440, 49.6727, -112.4700



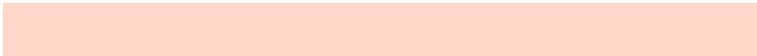
131.1400, 61.0630, -79.0528

# Sweetspot

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



147.2660, -36.6131, 76.9427



225.9510, -12.3008, 25.4760



135.0040, 28.0990, 87.6965



110.2640, -7.0322, 15.5545



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.



147.2660, -36.6131, 76.9427



140.4340, -48.0350, 100.4744



194.2260, -59.7644, 35.7588



111.0500, -2.4896, 5.2182



82.8820, -40.8608, 86.0495



24.9510, -12.3008, 25.4760



# Inverse Universe

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



160.7340, 36.6131, -76.9427



158.1530, 47.7456, -100.9892



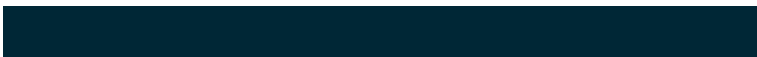
113.7740, 59.7644, -35.7588



111.9500, 2.4897, -5.2181



98.1180, 40.8608, -86.0495

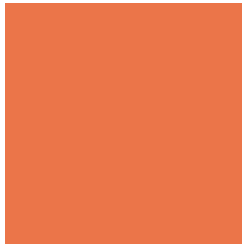


29.0490, 12.3008, -25.4760



# Previews

## White Background



This preview shows how the YUV color 147.2660, -36.6131, 76.9427 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 147.2660, -36.6131, 76.9427 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

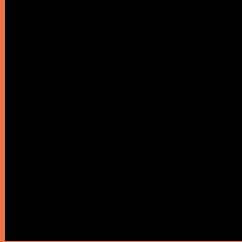
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 147.2660, -36.6131, 76.9427

## Background



This preview shows how black text looks on a background with the YUV color 147.2660, -36.6131, 76.9427.



This preview shows how white text looks on a background with the YUV color 147.2660, -36.6131,



# 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

147.2660, -36.6131, 76.9427

### Protanopia

147.8470, -31.4766, 15.9202

### Deuteranopia

148.0790, -39.9719, 34.1337



## Tritanopia

149.5860, -15.0789, 76.6621

# Trichromacy



## Original Color

147.2660, -36.6131, 76.9427

## Protanomaly

147.8220, -33.4362, 37.8671

## Deuteranomaly

147.5200, -38.7104, 49.5330

## Tritanomaly

148.5230, -22.9358, 76.7173

# Monochromacy



## Original Color

147.2660, -36.6131, 76.9427

## Achromatopsia

147.0000, 0.0000, 0.0000

## Achromatomaly

147.0330, -13.3273, 28.0351

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 147.2660, -36.6131, 76.9427 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(235, 117, 73)` looks like.

```
.text, #text, p{  
    color:rgb(235, 117, 73)  
}
```

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(235, 117, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 117, 73) }
```

## Border

The CSS property to change the border of an element to YUV 147.2660, -36.6131, 76.9427 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(235, 117, 73) }
```



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

```
.border{ border-color:rgb(235, 117, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 117, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 117, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 117, 73);  
box-shadow:4px 4px 4px 4px rgb(235, 117,  
73) }
```

# Background

The CSS property to change the background color of an element to YUV 147.2660, -36.6131, 76.9427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 117, 73) }
```

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

```
.background{ background-color: rgb(235,  
117, 73) }
```

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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