

# Converting Colors

YUV(134.6890, -48.1607,  
94.1117)

Have a look what the booklet for  
YUV(134.6890, -48.1607, 94.1117)  
contains.

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# Color

**YUV(134.6890, -48.1607,  
94.1117)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F26325
RGB	242, 99, 37
RGB Percent	95%, 39%, 15%
CMY	0.0510, 0.6118, 0.8549
CMYK	0.00, 0.59, 0.85, 0.05
HSL	18°, 89%, 55%
HSV	18°, 85%, 95%
XYZ	41.4137, 27.9345, 4.9594
YIQ	134.6890, 105.1300, 11.0340

# Conversions

## Conversions Part 2

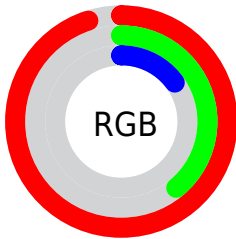
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 126, 37
Decimal	15885093
CIE <sub>Lab</sub>	59.83, 52.21, 59.32
CIE <sub>LCh</sub>	60, 79.018, 48.647
Yxy	27.9345, 0.5573, 0.3759
Android (android.graphics.Color)	4294075173 (0xFFFF26325)
YUV	134.6890, -48.1607, 94.1117
Hunter-Lab	52.8531, 47.3730, 31.4337

# Details

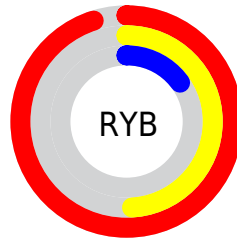
The YUV color **134.6890, -48.1607, 94.1117** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **144.3110, 48.1607, -94.1117**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.6750, -43.7168, 68.6910**, and **78.4630, -38.6823, 87.2939** is the 20% darker color. If you saturate the color by 10%, you get **121.9740, -53.7242, 105.2628**, and if you desaturate by 10%, it is **147.4040, -42.5972, 82.9607**.

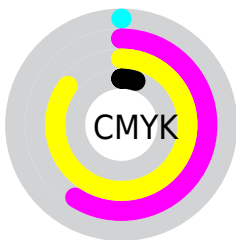
# Distribution



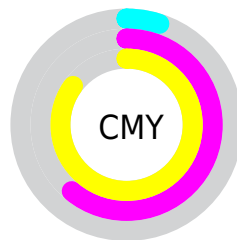
- Red (95%)
- Green (39%)
- Blue (15%)



- Red (95%)
- Yellow (49%)
- Blue (15%)



- Cyan (0%)
- Magenta (59%)
- Yellow (85%)
- Black (5%)



- Cyan (5%)
- Magenta (61%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 134.6890, -48.1607, 94.1117 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 134.6890, -48.1607, 94.1117 by changing the saturation by 10% instead.



134.6890,  
-48.1607, 94.1117

134.6890,  
-48.1607, 94.1117

255.0000, 0.0000,  
0.0000

105.6240,  
-49.6076, 91.5378

176.6750,  
-43.7168, 68.6910

78.4630, -38.6823,  
87.2939

196.0750,  
-40.4630, 51.6772

45.4150, -22.3896,  
88.2130

215.5890,  
-36.7724, 34.5634

34.3850, -16.9518,  
70.6994

236.2770,  
-33.6606, 16.4201

25.4150, -12.5296,  
52.2560

248.2740,  
-25.7711, 5.8987

17.8690, -7.8234,  
36.0719

251.4660,

5.6810, -2.8007,

-13.5407, 3.0993

11.6808

254.7720, -0.8736,  
0.2000

■ 0.0000, 0.0000,  
0.0000

■ 134.6890,  
-48.1607, 94.1117

■ 134.6890,  
-48.1607, 94.1117

■ 121.9740,  
-53.7242, 105.2628

■ 147.4040,  
-42.5972, 82.9607


■ 115.2090,  
-56.7980, 111.1957


■ 160.1190,  
-37.0337, 71.8096

■ 172.9480,  
-31.0334, 60.5586

■ 185.6630,  
-25.4699, 49.4075

■ 197.7910,  
-19.6170, 38.7713

 210.5060,  
-14.0535, 27.6202

 223.2210, -8.4900,  
16.4692

 236.0500, -2.4897,  
5.2181

 248.7650, 3.0739,  
-5.9329

# Harmonies

## Analogous

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



126.2560, -10.9722, 112.9085



134.6890, -48.1607, 94.1117



136.0880, -67.0914, 52.5428

# Triad

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



134.6890, -48.1607, 94.1117



114.5470, -0.2697, -100.4577



129.5220, 61.8607, -54.8318

# Complementary

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



134.6890, -48.1607, 94.1117



144.3110, 48.1607, -94.1117

# 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.



122.9900, 65.0809, -107.8622



134.6890, -48.1607, 94.1117



124.0430, 31.0378, -108.7857

# Square

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



134.6890, -48.1607, 94.1117



110.0640, -34.5416, -74.6011



129.2360, 58.5507, -113.3400



146.9800, 44.3799, 45.6215



# Rectangle

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



134.6890, -48.1607, 94.1117



133.5200, -65.8254, 19.7150



129.2360, 58.5507, -113.3400



114.7720, 69.1324, -100.6550

# Sweetspot

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



134.6890, -48.1607, 94.1117



221.8760, -15.2219, 29.0497



114.7110, 32.6805, 111.6325



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.



134.6890, -48.1607, 94.1117



121.4440, -59.8719, 117.1286



194.5630, -77.6786, 41.6022



113.3490, -2.6371, 5.8329



87.8880, -43.3288, 84.2902



26.7230, -13.1744, 25.6759

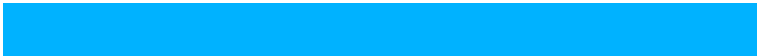


# Inverse Universe

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



144.3110, 48.1607, -94.1117



133.5560, 59.8719, -117.1286



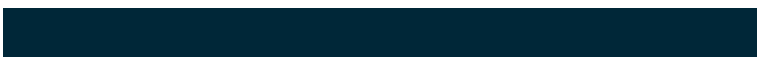
84.4370, 77.6786, -41.6022



114.0640, 2.9264, -5.3181



96.1120, 43.3288, -84.2902



29.2770, 13.1744, -25.6759



# Previews

## White Background



This preview shows how the YUV color 134.6890, -48.1607, 94.1117 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 134.6890, -48.1607, 94.1117 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 134.6890, -48.1607, 94.1117

## Background



This preview shows how black text looks on a background with the YUV color 134.6890, -48.1607, 94.1117.



This preview shows how white text looks on a background with the YUV color 134.6890, -48.1607, 94.1117.



# 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

134.6890, -48.1607, 94.1117

### Protanopia

139.1390, -44.4385, 20.0491

### Deuteranopia

137.0740, -59.1965, 40.2771



## Tritanopia

138.8330, -19.6377, 92.2315

# Trichromacy



## Original Color

134.6890, -48.1607, 94.1117

## Protanomaly

137.3750, -45.5409, 47.0291

## Deuteranomaly

135.9330, -55.1830, 59.6948

## Tritanomaly

137.0860, -30.1154, 92.8866

# Monochromacy



## Original Color

134.6890, -48.1607, 94.1117

## Achromatopsia

135.0000, 0.0000, 0.0000

## Achromatomaly

134.9260, -17.7115, 34.2679

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 134.6890, -48.1607, 94.1117 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(242, 99, 37)` looks like.

```
.text, #text, p{  
  color:rgb(242, 99, 37)  
}
```

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(242, 99, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 99, 37) }
```

## Border

The CSS property to change the border of an element to YUV 134.6890, -48.1607, 94.1117 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(242, 99, 37) }
```



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

```
.border{ border-color:rgb(242, 99, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 99, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 99, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 99, 37);  
box-shadow:4px 4px 4px 4px rgb(242, 99,  
37) }
```

# Background

The CSS property to change the background color of an element to YUV 134.6890, -48.1607, 94.1117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 99, 37) }
```

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

```
.background{ background-color: rgb(242, 99,  
37) }
```

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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