

Converting Colors

YUV(117.9610, -47.3088,
100.8892)

Have a look what the booklet for
YUV(117.9610, -47.3088, 100.8892)
contains.

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Color

**YUV(117.9610, -47.3088,
100.8892)**

Conversions

Conversions Part 1

Format	Color
Hex	E94E16
RGB	233, 78, 22
RGB Percent	91%, 31%, 9%
CMY	0.0863, 0.6941, 0.9137
CMYK	0.00, 0.67, 0.91, 0.09
HSL	16°, 83%, 50%
HSV	16°, 91%, 91%
XYZ	36.4735, 22.8303, 3.2434
YIQ	117.9610, 110.3560, 15.4440

Conversions

Conversions Part 2

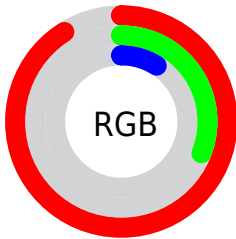
Format	Color
RYB	233, 98, 22
Decimal	15289878
CIELab	54.90, 57.75, 60.24
CIELCh	55, 83.450, 46.208
Yxy	22.8303, 0.5831, 0.3650
Android (android.graphics.Color)	4293479958 (0xFFE94E16)
YUV	117.9610, -47.3088, 100.8892
Hunter-Lab	47.7811, 52.6402, 29.4222

Details

The YUV color **117.9610, -47.3088, 100.8892** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **137.0390, 47.3088, -100.8892**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.4530, -43.6073, 80.2867**, and **53.4660, -26.3587, 101.3233** is the 20% darker color. If you saturate the color by 10%, you get **106.0610, -52.2881, 111.3255**, and if you desaturate by 10%, it is **130.5620, -42.1821, 89.8381**.

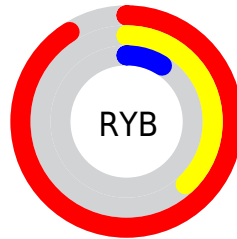
Distribution



Red (91%)

Green (31%)

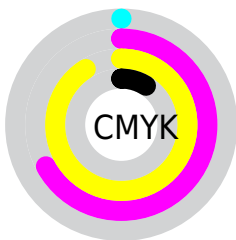
Blue (9%)



Red (91%)

Yellow (38%)

Blue (9%)

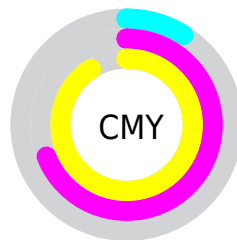


Cyan (0%)

Magenta (67%)

Yellow (91%)

Black (9%)



Cyan (9%)

Magenta (69%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.9610, -47.3088, 100.8892 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 117.9610, -47.3088, 100.8892 by changing the saturation by 10% instead.

117.9610,
-47.3088, 100.8892

117.9610,
-47.3088, 100.8892

255.0000, 0.0000,
0.0000

87.9760, -43.3722,
98.2450

163.4530,
-43.6073, 80.2867

53.4660, -26.3587,
101.3233

182.7390,
-40.7903, 63.3729

40.9630, -20.1948,
84.2244

202.7260,
-37.8259, 45.8443

31.3950, -15.4777,
64.5516

222.8270,
-34.4247, 28.2157

22.5390, -10.6187,
46.0083

243.0420,
-30.5867, 10.4872

14.2810, -6.0545,
28.6946

249.7560,

0.0000, 0.0000,

-20.0927, 4.5990

0.0000

253.0620, -7.4256,
1.6996

117.9610,
-47.3088, 100.8892

117.9610,
-47.3088, 100.8892

106.0610,
-52.2881, 111.3255

130.5620,
-42.1821, 89.8381

143.2770,
-36.6186, 78.6871

155.8780,
-31.4919, 67.6360

168.4790,
-26.3651, 56.5849

181.7810,
-21.0910, 44.9191

■ 194.3820,
-15.9643, 33.8680

■ 206.9830,
-10.8376, 22.8169

■ 219.5840, -5.7109,
11.7658

■ 232.2990, -0.1474,
0.6148

Harmonies

Analogous

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



103.0380, -3.4697, 133.2707



117.9610, -47.3088, 100.8892



124.0050, -61.1345, 55.2466

Triad

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



117.9610, -47.3088, 100.8892



104.6360, -5.2435, -91.7658



103.6190, 74.6308, -90.8739

Complementary

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



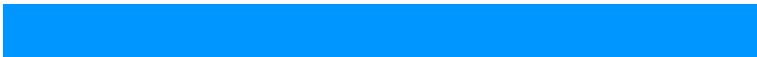
117.9610, -47.3088, 100.8892



137.0390, 47.3088, -100.8892

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.



117.1200, 67.9748, -102.7142



117.9610, -47.3088, 100.8892



114.4740, 27.3743, -100.3937

Square

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



117.9610, -47.3088, 100.8892



90.3980, -44.5662, -79.2790



120.7100, 56.3450, -105.8627



132.9240, 49.3375, 42.1627

Rectangle

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



117.9610, -47.3088, 100.8892



121.7250, -60.0104, 21.2892



120.7100, 56.3450, -105.8627



108.9020, 72.0263, -95.5071

Sweetspot

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



117.9610, -47.3088, 100.8892



217.1970, -15.3801, 33.1532



103.1010, 37.9112, 113.9214



105.7160, -9.2270, 19.5431



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.



117.9610, -47.3088, 100.8892



116.1610, -57.2674, 121.7618



177.8350, -76.8267, 48.3797



111.0500, -2.4896, 5.2182



82.2950, -40.5714, 86.5643



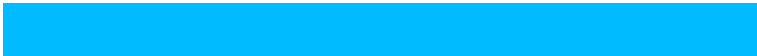
24.3640, -12.0115, 25.9908

Inverse Universe

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



137.0390, 47.3088, -100.8892



138.8390, 57.2674, -121.7618



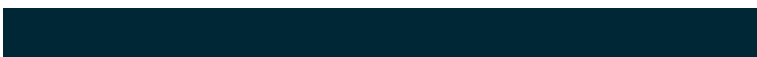
77.1650, 76.8267, -48.3797



111.9500, 2.4897, -5.2181



98.7050, 40.5714, -86.5643



29.0490, 12.3008, -25.4760

Previews

White Background



This preview shows how the YUV color 117.9610, -47.3088, 100.8892 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 117.9610, -47.3088, 100.8892 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 117.9610, -47.3088, 100.8892 Background



This preview shows how black text looks on a background with the YUV color 117.9610, -47.3088, 100.8892.



This preview shows how white text looks on a background with the YUV color 117.9610, -47.3088, 100.8892.

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

117.9610, -47.3088, 100.8892

Protanopia

125.8400, -44.2911, 19.4343

Deuteranopia

123.3080, -60.7908, 38.3179



Tritanopia

121.5950, -21.9853, 98.5792

Trichromacy



Original Color

117.9610, -47.3088, 100.8892

Protanomaly

122.7990, -45.2569, 49.2883

Deuteranomaly

121.4170, -55.9146, 61.0243

Tritanomaly

120.4890, -31.3001, 99.5491

Monochromacy



Original Color

117.9610, -47.3088, 100.8892

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.7630, -17.1382, 37.0418

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.9610, -47.3088, 100.8892 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(233, 78, 22)` looks like.

```
.text, #text, p{  
    color:rgb(233, 78, 22)  
}
```

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(233, 78, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 78, 22) }
```

Border

The CSS property to change the border of an element to YUV 117.9610, -47.3088, 100.8892 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(233, 78, 22) }
```


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

```
.border{ border-color:rgb(233, 78, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 78, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 78, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 78, 22);  
box-shadow:4px 4px 4px 4px rgb(233, 78,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 117.9610, -47.3088, 100.8892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 78, 22) }
```

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

```
.background{ background-color: rgb(233, 78,  
22) }
```

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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