

Converting Colors

YUV(128.4130, -52.9546,
91.7228)

Have a look what the booklet for
YUV(128.4130, -52.9546, 91.7228)
contains.

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Color

**YUV(128.4130, -52.9546,
91.7228)**

Conversions

Conversions Part 1

Format	Color
Hex	E96015
RGB	233, 96, 21
RGB Percent	91%, 38%, 8%
CMY	0.0863, 0.6235, 0.9176
CMYK	0.00, 0.59, 0.91, 0.09
HSL	21°, 83%, 50%
HSV	21°, 91%, 91%
XYZ	37.9225, 25.7435, 3.6797
YIQ	128.4130, 105.7270, 5.7190

Conversions

Conversions Part 2

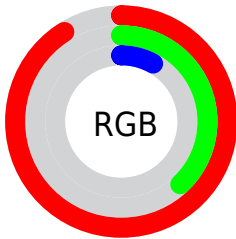
Format	Color
RYB	233, 137, 21
Decimal	15294485
CIELab	57.79, 50.02, 62.57
CIELCh	58, 80.104, 51.359
Yxy	25.7435, 0.5631, 0.3823
Android (android.graphics.Color)	4293484565 (0xFFE96015)
YUV	128.4130, -52.9546, 91.7228
Hunter-Lab	50.7381, 44.6223, 31.2167

Details

The YUV color **128.4130, -52.9546, 91.7228** 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 **125.5870, 52.9546, -91.7228**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.9590, -47.8008, 71.9500**, and **74.5980, -36.7768, 82.7906** is the 20% darker color. If you saturate the color by 10%, you get **117.8010, -58.0759, 101.0295**, and if you desaturate by 10%, it is **139.8400, -47.2491, 81.7013**.

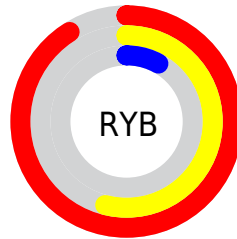
Distribution



Red (91%)

Green (38%)

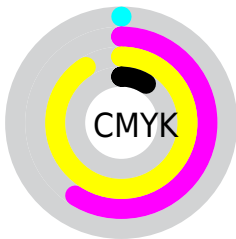
Blue (8%)



Red (91%)

Yellow (54%)

Blue (8%)

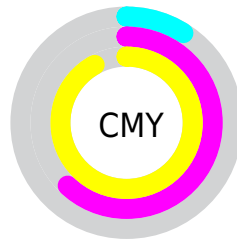


Cyan (0%)

Magenta (59%)

Yellow (91%)

Black (9%)



Cyan (9%)

Magenta (62%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.4130, -52.9546, 91.7228 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 128.4130, -52.9546, 91.7228 by changing the saturation by 10% instead.

128.4130,
-52.9546, 91.7228

128.4130,
-52.9546, 91.7228

255.0000, 0.0000,
0.0000

100.6020,
-49.5968, 88.0490

172.9590,
-47.8008, 71.9500

74.5980, -36.7768,
82.7906

192.3590,
-44.5470, 54.9362

42.4360, -20.9209,
83.8096

212.3460,
-41.5826, 37.4076

31.9930, -15.7725,
65.7811

231.9740,
-37.4552, 20.1938

23.0230, -11.3503,
47.3378

246.7920,
-31.4495, 7.1984

15.1780, -6.4968,
30.5389

249.9840,

0.0000, 0.0000,

-19.2191, 4.3990

0.0000

253.2900, -6.5520,
1.4997

128.4130,
-52.9546, 91.7228

128.4130,
-52.9546, 91.7228

117.8010,
-58.0759, 101.0295

139.8400,
-47.2491, 81.7013

151.3810,
-41.1068, 71.5799

162.8080,
-35.4013, 61.5584

174.2350,
-29.6959, 51.5369

185.7760,
-23.5536, 41.4154

■ 197.2030,
-17.8481, 31.3940

■ 208.6300,
-12.1426, 21.3725

■ 220.0570, -6.4371,
11.3510

■ 232.1850, -0.5842,
0.7148

Harmonies

Analogous

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



120.8930, -13.7512, 117.6118



128.4130, -52.9546, 91.7228



131.0380, -64.6017, 47.3247

Triad

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



128.4130, -52.9546, 91.7228



111.8400, 2.0509, -98.0837



128.4140, 62.4069, -43.3361

Complementary

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



128.4130, -52.9546, 91.7228



125.5870, 52.9546, -91.7228

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.



119.4680, 66.8173, -104.7734



128.4130, -52.9546, 91.7228



120.6350, 33.2109, -105.7969

Square

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



128.4130, -52.9546, 91.7228



99.6540, -29.4094, -87.3966



125.7140, 60.2870, -110.2512



139.9810, 42.9004, 53.5137

Rectangle

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



128.4130, -52.9546, 91.7228



127.5840, -62.8989, 14.3968



125.7140, 60.2870, -110.2512



110.6630, 71.1581, -97.0515

Sweetspot

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



128.4130, -52.9546, 91.7228



221.3060, -17.4059, 29.5496



100.1200, 29.0278, 116.5358



107.4770, -10.0952, 17.9987



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.



128.4130, -52.9546, 91.7228



129.0750, -63.6340, 110.4362



190.0480, -83.3407, 37.6689



111.6370, -2.7790, 4.7034



91.6870, -45.2017, 78.3275



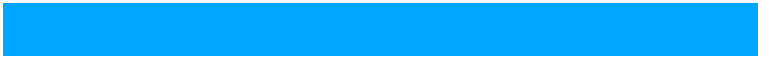
27.2990, -13.4584, 23.4168

Inverse Universe

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



125.5870, 52.9546, -91.7228



125.9250, 63.6340, -110.4362



63.9520, 83.3407, -37.6689



111.3630, 2.7790, -4.7034



89.3130, 45.2017, -78.3275



26.7010, 13.4584, -23.4168

Previews

White Background



This preview shows how the YUV color 128.4130, -52.9546, 91.7228 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 128.4130, -52.9546, 91.7228 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 128.4130, -52.9546, 91.7228

Background



This preview shows how black text looks on a background with the YUV color 128.4130, -52.9546, 91.7228.



This preview shows how white text looks on a background with the YUV color 128.4130, -52.9546, 91.7228.

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

128.4130, -52.9546, 91.7228

Protanopia

132.8850, -49.2433, 21.1489

Deuteranopia

130.1080, -64.1432, 40.2473



Tritanopia

133.9250, -19.1900, 88.6428

Trichromacy



Original Color

128.4130, -52.9546, 91.7228

Protanomaly

131.4090, -50.4876, 46.9993

Deuteranomaly

129.6680, -59.9823, 59.0502

Tritanomaly

131.7220, -31.4149, 89.6978

Monochromacy



Original Color

128.4130, -52.9546, 91.7228

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.8720, -19.1639, 33.4383

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.4130, -52.9546, 91.7228 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, 96, 21)` looks like.

```
.text, #text, p{  
    color:rgb(233, 96, 21)  
}
```

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, 96, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 96, 21) }
```

Border

The CSS property to change the border of an element to YUV 128.4130, -52.9546, 91.7228 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, 96, 21) }
```


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

```
.border{ border-color:rgb(233, 96, 21) }
```

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

Here you see how a box with a 4 pixel rgb(233, 96, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 96, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 96, 21);  
box-shadow:4px 4px 4px 4px rgb(233, 96,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 128.4130, -52.9546, 91.7228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 96, 21) }
```

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

```
.background{ background-color: rgb(233, 96,  
21) }
```

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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