

# Converting Colors

YUV(132.0810, -32.5779,  
89.3830)

Have a look what the booklet for  
YUV(132.0810, -32.5779, 89.3830)  
contains.

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# Color

**YUV(132.0810, -32.5779,  
89.3830)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA5D42
RGB	234, 93, 66
RGB Percent	92%, 36%, 26%
CMY	0.0824, 0.6353, 0.7412
CMYK	0.00, 0.60, 0.72, 0.08
HSL	10°, 80%, 59%
HSV	10°, 72%, 92%
XYZ	38.8294, 25.7145, 8.0711
YIQ	132.0810, 92.7030, 21.4950

# Conversions

## Conversions Part 2

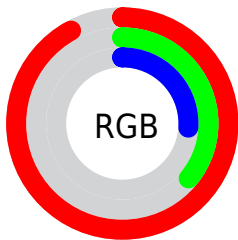
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 98, 66
Decimal	15359298
CIE <sub>Lab</sub>	57.77, 53.05, 43.17
CIE <sub>LCh</sub>	58, 68.394, 39.135
Yxy	25.7145, 0.5347, 0.3541
Android (android.graphics.Color)	4293549378 (0xFFEA5D42)
YUV	132.0810, -32.5779, 89.3830
Hunter-Lab	50.7094, 47.9401, 26.0598

# Details

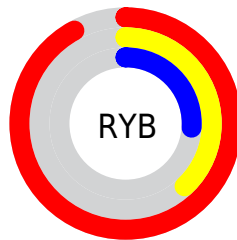
The YUV color **132.0810, -32.5779, 89.3830** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **167.9190, 32.5779, -89.3830**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.2310, -30.1869, 69.0804**, and **74.5410, -26.8887, 84.5945** is the 20% darker color. If you saturate the color by 10%, you get **117.7190, -36.8365, 101.9784**, and if you desaturate by 10%, it is **146.4430, -28.3194, 76.7875**.

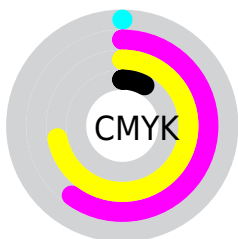
# Distribution



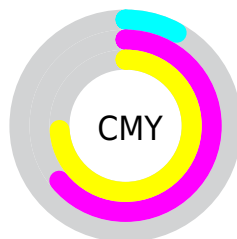
- Red (92%)
- Green (36%)
- Blue (26%)



- Red (92%)
- Yellow (38%)
- Blue (26%)



- Cyan (0%)
- Magenta (60%)
- Yellow (72%)
- Black (8%)




- Cyan (8%)
- Magenta (64%)
- Yellow (74%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 132.0810, -32.5779, 89.3830 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 132.0810, -32.5779, 89.3830 by changing the saturation by 10% instead.





 132.0810,  
-32.5779, 89.3830


 132.0810,  
-32.5779, 89.3830


255.0000, 0.0000,  
0.0000


 103.4550,  
-29.8043, 86.4240


 176.2310,  
-30.1869, 69.0804


 74.5410, -26.8887,  
84.5945


 195.6310,  
-26.9331, 52.0666


 41.8600, -20.6370,  
86.0688


 215.7320,  
-23.5319, 34.4380

 32.8900, -16.2148,  
67.6255

 235.8330,  
-20.1307, 16.8095

 23.9200, -11.7926,  
49.1822

 251.3520,  
-13.9775, 3.1993

 16.0750, -6.9390,  
32.3832

254.6580, -1.3104,

 0.2990, -0.1474,

0.2999

0.6148

■ 0.0000, 0.0000,  
0.0000

■ 132.0810,  
-32.5779, 89.3830

■ 132.0810,  
-32.5779, 89.3830

■ 117.7190,  
-36.8365, 101.9784

■ 146.4430,  
-28.3194, 76.7875

■ 103.8300,  
-41.8212, 114.1591

■ 160.3320,  
-23.3347, 64.6068

■ 92.2720, -45.4901,  
124.2955

■ 174.6940,  
-19.0761, 52.0114

■ 189.1700,  
-14.3808, 39.3159

■ 202.9450, -9.8329,  
27.2352

217.3070, -5.5744,  
14.6398

231.1960, -0.5896,  
2.4591

245.5580, 3.6689,  
-10.1364

248.7210, 3.0955,  
-12.9103

# Harmonies

## Analogous

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



130.7150, -3.8035, 100.2279



132.0810, -32.5779, 89.3830



130.5820, -62.8979, 60.8796

# Triad

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



132.0810, -32.5779, 89.3830



106.3970, -6.1117, -93.3102



111.2500, 70.8688, -97.5662

# Complementary

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



132.0810, -32.5779, 89.3830



167.9190, 32.5779, -89.3830

# 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.



120.7730, 64.2019, -105.9179



132.0810, -32.5779, 89.3830



115.2260, 20.1016, -101.0532

# Square

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



132.0810, -32.5779, 89.3830



120.4500, -43.1128, -31.9666



120.5500, 45.5778, -105.7223



142.1030, 44.3192, 18.3267



# Rectangle

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



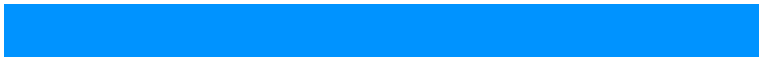
132.0810, -32.5779, 89.3830



130.0640, -64.1216, 33.2699



120.5500, 45.5778, -105.7223



115.3590, 68.8430, -101.1698

# Sweetspot

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



132.0810, -32.5779, 89.3830



221.0270, -10.8593, 29.7943



132.5340, 37.6977, 88.9857



107.6880, -6.7482, 17.8136



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.



132.0810, -32.5779, 89.3830



122.0260, -42.4108, 116.6182



180.2150, -56.3080, 47.1694



109.8760, -1.9109, 6.2477



71.1420, -35.0730, 96.3455



21.4290, -10.5645, 28.5648



# Inverse Universe

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



167.9190, 32.5779, -89.3830



168.9740, 42.4108, -116.6182



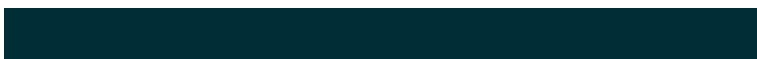
119.7850, 56.3080, -47.1694



112.5370, 2.2003, -5.7329



109.8580, 35.0730, -96.3455



32.5710, 10.5645, -28.5648



# Previews

## White Background



This preview shows how the YUV color 132.0810, -32.5779, 89.3830 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 132.0810, -32.5779, 89.3830 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 132.0810, -32.5779, 89.3830

## Background



This preview shows how black text looks on a background with the YUV color 132.0810, -32.5779, 89.3830.



This preview shows how white text looks on a background with the YUV color 132.0810, -32.5779, 89.3830.



# 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

132.0810, -32.5779, 89.3830

### Protanopia

136.5740, -27.3980, 14.4056

### Deuteranopia

135.8230, -38.3667, 32.6042



**Tritanopia**

133.3380, -18.9006, 89.1576

# Trichromacy



## Original Color

132.0810, -32.5779, 89.3830

## Protanomaly

134.6960, -28.9371, 41.4856

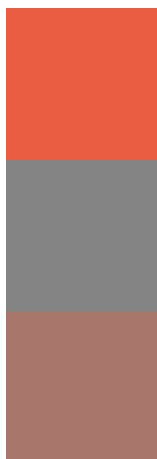
## Deuteranomaly

134.5250, -36.2478, 53.0366

## Tritanomaly

132.6710, -23.9948, 89.7425

# Monochromacy



## Original Color

132.0810, -32.5779, 89.3830

## Achromatopsia

132.0000, 0.0000, 0.0000

## Achromatomaly

132.1090, -11.8857, 32.3534

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 132.0810, -32.5779, 89.3830 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(234, 93, 66)` looks like.

```
.text, #text, p{  
    color:rgb(234, 93, 66)  
}
```

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(234, 93, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 93, 66) }
```

## Border

The CSS property to change the border of an element to YUV 132.0810, -32.5779, 89.3830 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(234, 93, 66) }
```



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

```
.border{ border-color:rgb(234, 93, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 93, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 93, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 93, 66);  
box-shadow:4px 4px 4px 4px rgb(234, 93,  
66) }
```

# Background

The CSS property to change the background color of an element to YUV 132.0810, -32.5779, 89.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 93, 66) }
```

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

```
.background{ background-color: rgb(234, 93,  
66) }
```

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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