

# Converting Colors

YUV(159.9130, -61.5821,  
58.8353)

Have a look what the booklet for  
YUV(159.9130, -61.5821, 58.8353)  
contains.

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# Color

**YUV(159.9130, -61.5821,  
58.8353)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E39623
RGB	227, 150, 35
RGB Percent	89%, 59%, 14%
CMY	0.1098, 0.4118, 0.8627
CMYK	0.00, 0.34, 0.85, 0.11
HSL	36°, 77%, 51%
HSV	36°, 85%, 89%
XYZ	42.8883, 38.2649, 6.7155
YIQ	159.9130, 82.8070, -19.4410

# Conversions

## Conversions Part 2

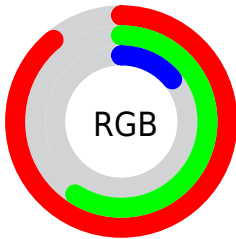
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 227, 35
Decimal	14915107
CIELab	68.22, 20.51, 66.18
CIElCh	68, 69.283, 72.784
Yxy	38.2649, 0.4881, 0.4355
Android (android.graphics.Color)	4293105187 (0xFFE39623)
YUV	159.9130, -61.5821, 58.8353
Hunter-Lab	61.8587, 15.5062, 36.8644

# Details

The YUV color **159.9130, -61.5821, 58.8353** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **102.0870, 61.5821, -58.8353**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.4810, -56.4391, 42.5512**, and **107.7470, -53.1193, 51.0879** is the 20% darker color. If you saturate the color by 10%, you get **152.0080, -69.0239, 65.7680**, and if you desaturate by 10%, it is **167.8180, -54.1403, 51.9026**.

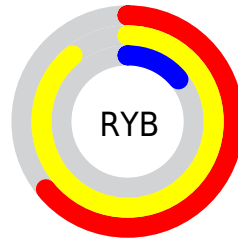
# Distribution



Red (89%)

Green (59%)

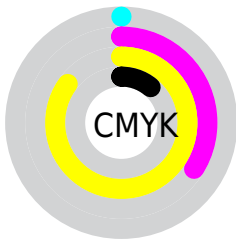
Blue (14%)



Red (64%)

Yellow (89%)

Blue (14%)

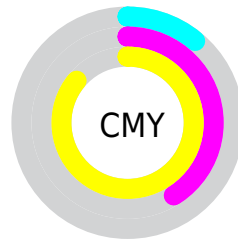


Cyan (0%)

Magenta (34%)

Yellow (85%)

Black (11%)



Cyan (11%)

Magenta (41%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 159.9130, -61.5821, 58.8353 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 159.9130, -61.5821, 58.8353 by changing the saturation by 10% instead.



159.9130,  
-61.5821, 58.8353

159.9130,  
-61.5821, 58.8353

255.0000, 0.0000,  
0.0000

131.3920,  
-64.7763, 56.6612

206.4810,  
-56.4391, 42.5512

107.7470,  
-53.1193, 51.0879

225.9950,  
-52.7485, 25.4374

84.6890, -41.7517,  
44.9997

242.5740,  
-47.6110, 10.8976

62.5170, -30.8209,  
39.0116

245.7660,  
-35.3806, 8.0982

41.2310, -20.3269,  
33.1234

249.0720,  
-22.7135, 5.1989

20.8310, -10.2697,  
27.3352

252.2640,

7.8880, -3.3958,

-10.4832, 2.3995

15.8842

■ 0.0000, 0.0000,  
0.0000

■ 159.9130,  
-61.5821, 58.8353

■ 159.9130,  
-61.5821, 58.8353

■ 152.0080,  
-69.0239, 65.7680

■ 167.8180,  
-54.1403, 51.9026

■ 147.7050,  
-72.8186, 69.5417

■ 175.6090,  
-47.1352, 45.0699

■ 183.5140,  
-39.6934, 38.1372

■ 191.4190,  
-32.2516, 31.2045

■ 199.7970,  
-25.5359, 23.8570

■ 207.7020,  
-18.0941, 16.9243

■ 215.6070,  
-10.6523, 9.9917

■ 223.5120, -3.2104,  
3.0590

■ 231.3030, 3.7946,  
-3.7737

# Harmonies

## Analogous

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



158.6090, -36.7822, 84.5349



159.9130, -61.5821, 58.8353



154.9710, -66.5407, 15.8114

# Triad

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



159.9130, -61.5821, 58.8353



136.9400, 27.1446, -120.0964



170.7730, 41.5239, 28.2631

# Complementary

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



159.9130, -61.5821, 58.8353



102.0870, 61.5821, -58.8353

# 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.



151.0520, 51.2464, -57.0506



159.9130, -61.5821, 58.8353



141.7910, 53.3470, -124.3507

# Square

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



159.9130, -61.5821, 58.8353



127.7690, -0.3791, -112.0534



136.4910, 58.4249, -119.7026



165.3590, 19.5430, 78.6152



# Rectangle

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



159.9130, -61.5821, 58.8353



150.6920, -50.1342, -19.9009



136.4910, 58.4249, -119.7026



167.3850, 43.1942, 5.8014

# Sweetspot

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



159.9130, -61.5821, 58.8353



232.4420, -20.4309, 19.7834



101.5280, 6.6417, 110.0389



114.1620, -12.4049, 12.1359



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.



159.9130, -61.5821, 58.8353



166.0560, -81.8656, 78.0039



200.3280, -81.5067, 9.3593



110.6970, -3.7946, 3.7737



116.3300, -57.3507, 54.9616



33.4460, -16.4889, 15.3949



# Inverse Universe

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



102.0870, 61.5821, -58.8353



88.9440, 81.8656, -78.0039



61.6720, 81.5067, -9.3593



107.3030, 3.7946, -3.7737



62.6700, 57.3507, -54.9616



17.5540, 16.4889, -15.3949



# Previews

## White Background



This preview shows how the YUV color 159.9130, -61.5821, 58.8353 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 159.9130, -61.5821, 58.8353 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 159.9130, -61.5821, 58.8353

## Background



This preview shows how black text looks on a background with the YUV color 159.9130, -61.5821, 58.8353.



This preview shows how white text looks on a background with the YUV color 159.9130, -61.5821, 58.8353.



# 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

159.9130, -61.5821, 58.8353

### Protanopia

158.3880, -58.8583, 25.0927

### Deuteranopia

158.9560, -63.5753, 44.7656



## Tritanopia

168.9470, -9.3409, 56.1745

# Trichromacy



## Original Color

159.9130, -61.5821, 58.8353

## Protanomaly

159.2370, -59.7698, 37.5032

## Deuteranomaly

159.2170, -62.7180, 49.7987

## Tritanomaly

165.9090, -28.5491, 57.0848

# Monochromacy



## Original Color

159.9130, -61.5821, 58.8353

## Achromatopsia

160.0000, 0.0000, 0.0000

## Achromatomaly

159.6980, -22.0361, 21.3129

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 159.9130, -61.5821, 58.8353 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(227, 150, 35)` looks like.

```
.text, #text, p{  
    color:rgb(227, 150, 35)  
}
```

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(227, 150, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 150, 35) }
```

## Border

The CSS property to change the border of an element to YUV 159.9130, -61.5821, 58.8353 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(227, 150, 35) }
```



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

```
.border{ border-color:rgb(227, 150, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 150, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 150, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 150, 35);  
box-shadow:4px 4px 4px 4px rgb(227, 150,  
35) }
```

# Background

The CSS property to change the background color of an element to YUV 159.9130, -61.5821, 58.8353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 150, 35) }
```

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

```
.background{ background-color: rgb(227,  
150, 35) }
```

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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