

# Converting Colors

YUV(121.1010, -59.7028,  
109.5364)

Have a look what the booklet for  
YUV(121.1010, -59.7028, 109.5364)  
contains.

<b>YUV(121.1010, -59.7028, 109.5364)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	30

# Color

**YUV(121.1010, -59.7028,  
109.5364)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F65100
RGB	246, 81, 0
RGB Percent	96%, 32%, 0%
CMY	0.0353, 0.6824, 1.0000
CMYK	0.00, 0.67, 1.00, 0.04
HSL	20°, 100%, 48%
HSV	20°, 100%, 96%
XYZ	40.9485, 25.4777, 2.7595
YIQ	121.1010, 124.3410, 9.7890

# Conversions

## Conversions Part 2

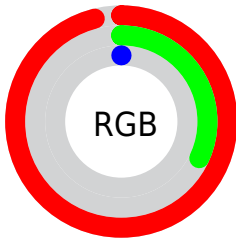
Format	Color
R <sub>Y</sub> B	246, 121, 0
Decimal	16142592
CIE Lab	57.54, 60.66, 68.04
CIE LCh	58, 91.155, 48.283
Yxy	25.4777, 0.5919, 0.3683
Android (android.graphics.Color)	4294332672 (0xFFFF65100)
YUV	121.1010, -59.7028, 109.5364
Hunter-Lab	50.4754, 56.4771, 32.0915

# Details

The YUV color **121.1010, -59.7028, 109.5364** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **124.8990, 59.7028, -109.5364**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.5470, -49.5697, 79.3273**, and **57.9290, -28.5590, 107.0563** is the 20% darker color. If you saturate the color by 10%, you get **121.1010, -59.7028, 109.5364**, and if you desaturate by 10%, it is **133.3430, -53.4131, 98.8002**.

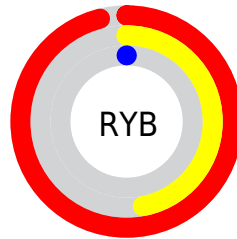
# Distribution



Red (96%)

Green (32%)

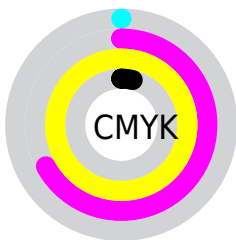
Blue (0%)



Red (96%)

Yellow (47%)

Blue (0%)

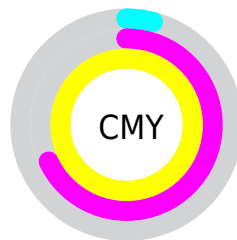


Cyan (0%)

Magenta (67%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (68%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 121.1010, -59.7028, 109.5364 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 121.1010, -59.7028, 109.5364 by changing the saturation by 10% instead.




 121.1010,  
-59.7028, 109.5364


 121.1010,  
-59.7028, 109.5364


255.0000, 0.0000,  
0.0000

 93.6240, -46.1566,  
104.6928


 164.5470,  
-49.5697, 79.3273


 57.9290, -28.5590,  
107.0563


 184.0610,  
-45.8791, 62.2135

 44.2520, -21.8162,  
90.9870


 204.0480,  
-42.9147, 44.6849

 34.6840, -17.0992,  
71.3141

 224.1490,  
-39.5135, 27.0563

 25.7140, -12.6770,  
52.8708

 244.9510,  
-35.9648, 8.8130

 17.2710, -7.5286,  
34.8423

 248.7300,


 5.0830, -2.5059,


-24.0239, 5.4988

10.4512

 252.0360,  
-11.3567, 2.5994


 0.0000, 0.0000,  
0.0000


 121.1010,  
-59.7028, 109.5364

 133.3430,  
-53.4131, 98.8002

 146.0580,  
-47.8496, 87.6491

 158.8870,  
-41.8493, 76.3981

 171.0150,  
-35.9964, 65.7618

 183.2570,  
-29.7067, 55.0256

■ 196.0860,  
-23.7064, 43.7746

■ 208.8010,  
-18.1429, 32.6235

■ 221.0430,  
-11.8532, 21.8873

■ 233.1710, -6.0003,  
11.2510

# Harmonies

## Analogous

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



86.9610, 3.4702, 147.3702



121.1010, -59.7028, 109.5364



130.4950, -64.3340, 54.8169

# Triad

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



121.1010, -59.7028, 109.5364



110.9450, -3.9169, -97.2988



105.9670, 73.4733, -92.9331

# Complementary

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



121.1010, -59.7028, 109.5364



124.8990, 59.7028, -109.5364

# 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.



121.2290, 65.9491, -106.3178



121.1010, -59.7028, 109.5364



121.5810, 31.7586, -106.6265

# Square

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



121.1010, -59.7028, 109.5364



95.6810, -47.1707, -83.9122



128.2730, 62.4764, -112.4954



138.3150, 53.0887, 52.3437



# Rectangle

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



121.1010, -59.7028, 109.5364



127.6060, -62.9098, 17.8855



128.2730, 62.4764, -112.4954



112.4240, 70.2900, -98.5958

# Sweetspot

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



121.1010, -59.7028, 109.5364



216.3990, -18.4377, 33.8531



92.7060, 37.1199, 134.4388



104.5590, -11.1216, 20.5578



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.



121.1010, -59.7028, 109.5364



125.5530, -61.8976, 113.5250



191.5410, -94.4297, 47.7605



115.9360, -2.9264, 5.3181



91.4210, -45.0706, 82.9458



28.7940, -14.1954, 26.4907



# Inverse Universe

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



124.8990, 59.7028, -109.5364



129.4470, 61.8976, -113.5250



54.4590, 94.4297, -47.7605



116.0640, 2.9264, -5.3181



94.5790, 45.0706, -82.9458



29.6190, 14.4848, -25.9759



# Previews

## White Background



This preview shows how the YUV color 121.1010, -59.7028, 109.5364 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 121.1010, -59.7028, 109.5364 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 121.1010, -59.7028, 109.5364 Background



This preview shows how black text looks on a background with the YUV color 121.1010, -59.7028, 109.5364.



This preview shows how white text looks on a background with the YUV color 121.1010, -59.7028, 109.5364.



# 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



### Protanopia

131.2010, -51.8641, 21.7487

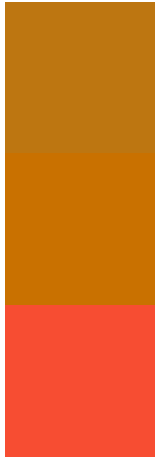
### Deuteranopia

129.8090, -63.9958, 39.6325

### Tritanopia

126.8840, -23.6068, 105.3417

# Trichromacy



## Protanomaly

127.7150, -54.5825, 53.7469

## Deuteranomaly

126.4300, -62.3300, 65.3979

## Tritanomaly

124.7520, -36.8527, 107.2115

# Monochromacy



## Achromatopsia

121.0000, 0.0000, 0.0000

## Achromatomaly

120.6340, -21.5116, 39.7860

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.1010, -59.7028, 109.5364 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(246, 81, 0)` looks like.

```
.text, #text, p{  
    color:rgb(246, 81, 0)  
}
```

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(246, 81, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 81, 0) }
```

## Border

The CSS property to change the border of an element to YUV 121.1010, -59.7028, 109.5364 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(246, 81, 0) }
```

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

```
.border{ border-color:rgb(246, 81, 0) }
```

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

Here you see how a box with a 4 pixel rgb(246, 81, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 81, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 81, 0);  
box-shadow:4px 4px 4px 4px rgb(246, 81, 0)  
}
```



# Background

The CSS property to change the background color of an element to YUV 121.1010, -59.7028, 109.5364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 81, 0) }
```

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

```
.background{ background-color: rgb(246, 81,  
0) }
```

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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