

# Converting Colors

YUV(150.9170, -74.4021,  
64.0938)

Have a look what the booklet for  
YUV(150.9170, -74.4021, 64.0938)  
contains.

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# Color

**YUV(150.9170, -74.4021,  
64.0938)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E08F00
RGB	224, 143, 0
RGB Percent	88%, 56%, 0%
CMY	0.1216, 0.4392, 1.0000
CMYK	0.00, 0.36, 1.00, 0.12
HSL	38°, 100%, 44%
HSV	38°, 100%, 88%
XYZ	40.5629, 35.4922, 4.7128
YIQ	150.9170, 94.1790, -27.3010

# Conversions

## Conversions Part 2

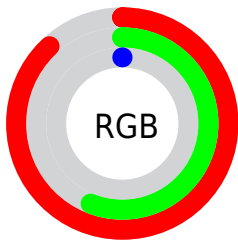
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	127, 224, 0
Decimal	14716672
CIE Lab	66.13, 22.43, 71.38
CIE LCh	66, 74.825, 72.552
Yxy	35.4922, 0.5022, 0.4394
Android (android.graphics.Color)	4292906752 (0xFFE08F00)
YUV	150.9170, -74.4021, 64.0938
Hunter-Lab	59.5753, 17.2780, 37.0125

# Details

The YUV color **150.9170, -74.4021, 64.0938** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark washed orange. A complement of this color would be **73.0830, 74.4021, -64.0938**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.3200, -62.2758, 47.9544**, and **103.0290, -50.7933, 51.7176** is the 20% darker color. If you saturate the color by 10%, you get **150.9170, -74.4021, 64.0938**, and if you desaturate by 10%, it is **158.1210, -67.1077, 57.7759**.

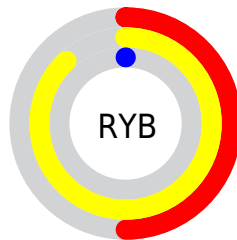
# Distribution



Red (88%)

Green (56%)

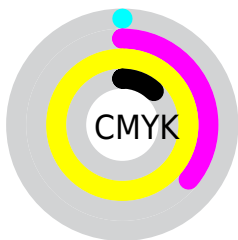
Blue (0%)



Red (50%)

Yellow (88%)

Blue (0%)

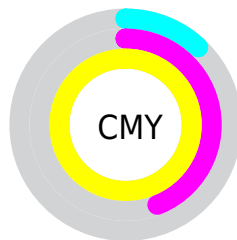


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (44%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 150.9170, -74.4021, 64.0938 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 150.9170, -74.4021, 64.0938 by changing the saturation by 10% instead.



150.9170,  
-74.4021, 64.0938

150.9170,  
-74.4021, 64.0938

255.0000, 0.0000,  
0.0000

126.3860,  
-62.3083, 58.4205

200.3200,  
-62.2758, 47.9544

103.0290,  
-50.7933, 51.7176

219.8340,  
-58.5852, 30.8406

79.9710, -39.4257,  
45.6294

239.4620,  
-54.4578, 13.6268

57.7990, -28.4949,  
39.6413

243.8280,  
-42.8062, 9.7978

36.5130, -18.0009,  
33.7531

247.0200,  
-30.5759, 6.9985


15.5260, -7.6543,  
28.4797


250.3260,


4.1860, -2.0637,


-17.9087, 4.0991


8.6069


 253.6320, -5.2416,  
1.1997


 0.0000, 0.0000,  
0.0000


 150.9170,  
-74.4021, 64.0938

 158.1210,  
-67.1077, 57.7759

 165.4390,  
-59.3764, 51.3580

 172.6430,  
-52.0820, 45.0401

 179.9610,  
-44.3508, 38.6222

 187.7520,  
-37.3457, 31.7895

■ 194.9560,  
-30.0513, 25.4716

■ 202.2740,  
-22.3201, 19.0537

■ 209.4780,  
-15.0257, 12.7358

■ 216.7960, -7.2944,  
6.3179

# Harmonies

## Analogous

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



150.7840, -38.8405, 91.3974



150.9170, -74.4021, 64.0938



147.0760, -72.5085, 16.5963

# Triad

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



150.9170, -74.4021, 64.0938



134.1360, 26.5550, -117.6373



164.2940, 44.7181, 30.4372

# Complementary

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



150.9170, -74.4021, 64.0938



73.0830, 74.4021, -64.0938

# 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.



137.9510, 57.7052, -75.3790



150.9170, -74.4021, 64.0938



139.5570, 54.9414, -122.3915

# Square

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



150.9170, -74.4021, 64.0938



124.3950, -3.1527, -109.0944



134.1430, 59.5825, -117.6434



157.5000, 22.4315, 85.5075



# Rectangle

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



150.9170, -74.4021, 64.0938



142.1450, -57.2595, -21.1752



134.1430, 59.5825, -117.6434



160.8840, 46.3992, 4.4867

# Sweetspot

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



150.9170, -74.4021, 64.0938



229.9000, -25.0937, 22.0127



76.3240, 2.7983, 129.5119



112.7770, -15.1731, 13.3506



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.



150.9170, -74.4021, 64.0938



171.9260, -84.7595, 72.8559



189.4940, -93.4205, 3.9518



108.3980, -3.6472, 3.1590



118.3680, -58.3554, 50.5433



32.5490, -16.0467, 13.5505



# Inverse Universe

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



73.0830, 74.4021, -64.0938



83.0740, 84.7595, -72.8559



34.5060, 93.4205, -3.9518



104.6020, 3.6472, -3.1590



57.6320, 58.3554, -50.5433



16.0380, 15.7573, -14.0653



# Previews

## White Background



This preview shows how the YUV color 150.9170, -74.4021, 64.0938 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 150.9170, -74.4021, 64.0938 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 150.9170, -74.4021, 64.0938

## Background



This preview shows how black text looks on a background with the YUV color 150.9170, -74.4021, 64.0938.



This preview shows how white text looks on a background with the YUV color 150.9170, -74.4021, 64.0938.



# 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

151.3360, -66.7206, 26.8923

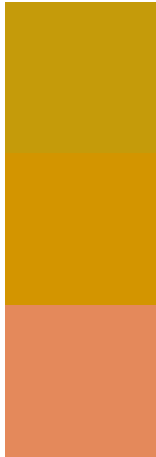
### Deuteranopia

150.8070, -74.3479, 46.6503

### Tritanopia

163.1430, -9.9305, 58.6336

# Trichromacy



## Protanomaly

151.0280, -69.5268, 40.3174

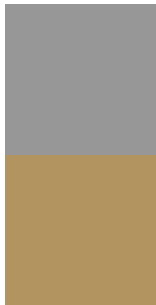
## Deuteranomaly

150.5520, -74.2221, 53.0129

## Tritanomaly

158.9650, -33.5067, 60.5437

# Monochromacy



## Achromatopsia

151.0000, 0.0000, 0.0000

## Achromatomaly

151.0420, -27.1357, 23.6422

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 150.9170, -74.4021, 64.0938 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(224, 143, 0)` looks like.

```
.text, #text, p{  
    color:rgb(224, 143, 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(224, 143, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 143, 0) }
```

## Border

The CSS property to change the border of an element to YUV 150.9170, -74.4021, 64.0938 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(224, 143, 0) }
```

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

```
.border{ border-color:rgb(224, 143, 0) }
```

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

Here you see how a box with a 4 pixel rgb(224, 143, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 143, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 143, 0);  
box-shadow:4px 4px 4px 4px rgb(224, 143,  
0) }
```



# Background

The CSS property to change the background color of an element to YUV 150.9170, -74.4021, 64.0938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 143, 0) }
```

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

```
.background{ background-color: rgb(224,  
143, 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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