

# Converting Colors

YUV(150.0530, -73.9761,  
67.4825)

Have a look what the booklet for  
YUV(150.0530, -73.9761, 67.4825)  
contains.

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# Color

**YUV(150.0530, -73.9761,  
67.4825)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E38C00
RGB	227, 140, 0
RGB Percent	89%, 55%, 0%
CMY	0.1098, 0.4510, 1.0000
CMYK	0.00, 0.38, 1.00, 0.11
HSL	37°, 100%, 45%
HSV	37°, 100%, 89%
XYZ	41.0566, 35.0871, 4.6086
YIQ	150.0530, 96.7920, -25.0960

# Conversions

## Conversions Part 2

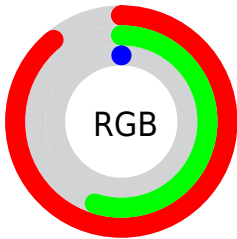
Format	Color
<a href="#">RYB</a>	<a href="#">141, 227, 0</a>
Decimal	<a href="#">14912512</a>
CIELab	<a href="#">65.82, 25.31, 71.36</a>
CIElCh	<a href="#">66, 75.718, 70.473</a>
Yxy	<a href="#">35.0871, 0.5084, 0.4345</a>
Android (android.graphics.Color)	<a href="#">4293102592 (0xFFE38C00)</a>
YUV	<a href="#">150.0530, -73.9761, 67.4825</a>
Hunter-Lab	<a href="#">59.2343, 20.0623, 36.8511</a>

# Details

The YUV color **150.0530, -73.9761, 67.4825** 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 **76.9470, 73.9761, -67.4825**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.4450, -61.8444, 49.5987**, and **102.1650, -50.3673, 55.1063** is the 20% darker color. If you saturate the color by 10%, you get **150.0530, -73.9761, 67.4825**, and if you desaturate by 10%, it is **157.9580, -66.5343, 60.5498**.

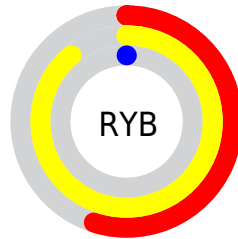
# Distribution



Red (89%)

Green (55%)

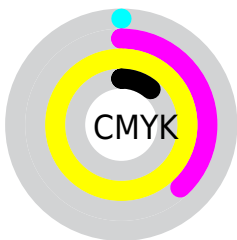
Blue (0%)



Red (55%)

Yellow (89%)

Blue (0%)

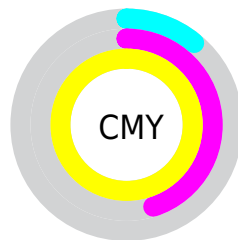


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (45%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 150.0530, -73.9761, 67.4825 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 150.0530, -73.9761, 67.4825 by changing the saturation by 10% instead.



150.0530,  
-73.9761, 67.4825

150.0530,  
-73.9761, 67.4825

255.0000, 0.0000,  
0.0000

125.5220,  
-61.8823, 61.8092

198.4450,  
-61.8444, 49.5987

102.1650,  
-50.3673, 55.1063

218.0730,  
-57.7170, 32.3850

79.1070, -38.9998,  
49.0182

237.7010,  
-53.5896, 15.1712

56.6360, -27.9215,  
42.4152

243.7140,  
-43.2430, 9.8978

34.7630, -17.1382,  
37.0418

247.0200,  
-30.5759, 6.9985

14.9500, -7.3703,  
30.7388

250.2120,

5.0830, -2.5059,

-18.3455, 4.1991

10.4512

253.6320, -5.2416,  
1.1997

0.0000, 0.0000,  
0.0000

150.0530,  
-73.9761, 67.4825

157.9580,  
-66.5343, 60.5498

165.1620,  
-59.2399, 54.2319

173.0670,  
-51.7980, 47.2992

180.9720,  
-44.3562, 40.3666

188.8770,  
-36.9144, 33.4339

■ 196.0810,  
-29.6199, 27.1160

■ 203.9860,  
-22.1781, 20.1833

■ 211.8910,  
-14.7363, 13.2506

■ 219.0950, -7.4418,  
6.9327

# Harmonies

## Analogous

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



148.6640, -36.8094, 93.2567



150.0530, -73.9761, 67.4825



147.0980, -72.5193, 20.0851

# Triad

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



150.0530, -73.9761, 67.4825



132.9790, 24.6604, -116.6226



162.7880, 45.4605, 25.6189

# Complementary

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



150.0530, -73.9761, 67.4825



76.9470, 73.9761, -67.4825

# 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.



122.9900, 65.0809, -107.8622



150.0530, -73.9761, 67.4825



139.1010, 53.1942, -121.9916

# Square

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



150.0530, -73.9761, 67.4825



123.1240, -5.4841, -107.9797



134.7300, 59.2931, -118.1582



157.3690, 24.4681, 85.6224



# Rectangle

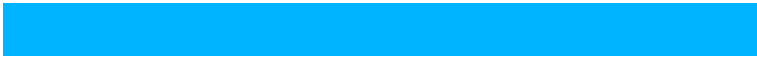
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



150.0530, -73.9761, 67.4825



141.3860, -62.8013, -17.0015



134.7300, 59.2931, -118.1582



158.7800, 47.4365, -1.5611

# Sweetspot

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



150.0530, -73.9761, 67.4825



229.3130, -24.8043, 22.5275



77.7910, 4.5400, 130.8563



112.1900, -14.8837, 13.8654



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.



150.0530, -73.9761, 67.4825



168.4040, -83.0232, 75.9447



193.3480, -95.3206, 6.7108



110.6970, -3.7946, 3.7737



118.0910, -58.2189, 53.4172



33.4460, -16.4889, 15.3949



# Inverse Universe

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



76.9470, 73.9761, -67.4825



86.5960, 83.0232, -75.9447



33.6520, 95.3206, -6.7108



107.3030, 3.7946, -3.7737



60.3220, 58.5083, -52.9024



17.5540, 16.4889, -15.3949



# Previews

## White Background



This preview shows how the YUV color 150.0530, -73.9761, 67.4825 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 150.0530, -73.9761, 67.4825 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 150.0530, -73.9761, 67.4825

## Background



This preview shows how black text looks on a background with the YUV color 150.0530, -73.9761, 67.4825.



This preview shows how white text looks on a background with the YUV color 150.0530, -73.9761,



# 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

150.0530, -73.9761, 67.4825

### Protanopia

150.5640, -65.8471, 26.6924

### Deuteranopia

149.9210, -73.9111, 46.5503



## Tritanopia

161.6380, -10.6675, 61.7075

# Trichromacy



## Original Color

150.0530, -73.9761, 67.4825

## Protanomaly

150.2670, -68.6586, 41.8618

## Deuteranomaly

150.2640, -74.0802, 54.1425

## Tritanomaly

157.5740, -33.8070, 63.5176

# Monochromacy



## Original Color

150.0530, -73.9761, 67.4825

## Achromatopsia

150.0000, 0.0000, 0.0000

## Achromatomaly

149.7540, -26.9937, 24.7717

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 150.0530, -73.9761, 67.4825 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, 140, 0)` looks like.

```
.text, #text, p{  
    color:rgb(227, 140, 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(227, 140, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 140, 0) }
```

## Border

The CSS property to change the border of an element to YUV 150.0530, -73.9761, 67.4825 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, 140, 0) }
```



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

```
.border{ border-color:rgb(227, 140, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 140, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 140, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 140, 0);  
box-shadow:4px 4px 4px 4px rgb(227, 140,  
0) }
```

# Background

The CSS property to change the background color of an element to YUV 150.0530, -73.9761, 67.4825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 140, 0) }
```

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

```
.background{ background-color: rgb(227,  
140, 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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