

# Converting Colors

YUV(152.2340, -75.0514,  
85.7408)

Have a look what the booklet for  
YUV(152.2340, -75.0514, 85.7408)  
contains.

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# Color

**YUV(152.2340, -75.0514,  
85.7408)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA8400
RGB	250, 132, 0
RGB Percent	98%, 52%, 0%
CMY	0.0196, 0.4824, 1.0000
CMYK	0.00, 0.47, 1.00, 0.02
HSL	32°, 100%, 49%
HSV	32°, 100%, 98%
XYZ	47.6756, 36.8265, 4.5954
YIQ	152.2340, 112.7000, -16.0360

# Conversions

## Conversions Part 2

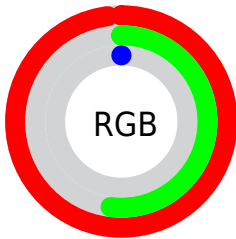
Format	Color
<a href="#">RYB</a>	223, 250, 0
Decimal	16417792
CIELab	67.15, 38.88, 73.72
CIELCh	67, 83.348, 62.192
Yxy	36.8265, 0.5351, 0.4133
Android (android.graphics.Color)	4294607872 (0xFFFA8400)
YUV	152.2340, -75.0514, 85.7408
Hunter-Lab	60.6849, 34.0357, 37.9896

# Details

The YUV color **152.2340, -75.0514, 85.7408** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **97.7660, 75.0514, -85.7408**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.7490, -59.5293, 53.7171**, and **102.5740, -50.5690, 73.1646** is the 20% darker color. If you saturate the color by 10%, you get **152.2340, -75.0514, 85.7408**, and if you desaturate by 10%, it is **162.1280, -67.6041, 77.0637**.

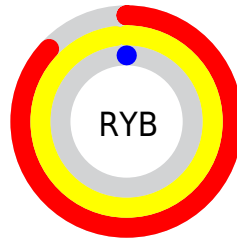
# Distribution



Red (98%)

Green (52%)

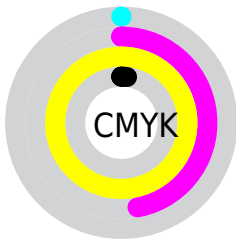
Blue (0%)



Red (87%)

Yellow (98%)

Blue (0%)

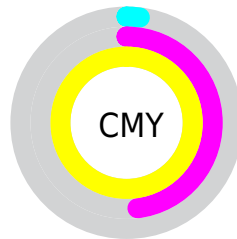


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (48%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 152.2340, -75.0514, 85.7408 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 152.2340, -75.0514, 85.7408 by changing the saturation by 10% instead.



152.2340,  
-75.0514, 85.7408

152.2340,  
-75.0514, 85.7408

255.0000, 0.0000,  
0.0000

127.4040,  
-62.8102, 79.4527

193.7490,  
-59.5293, 53.7171

102.5740,  
-50.5690, 73.1646

213.3770,  
-55.4019, 36.5034

78.6300, -38.7646,  
66.9765

233.4780,  
-52.0007, 18.8748

54.6860, -26.9602,  
60.7884

243.7140,  
-43.2430, 9.8978

28.1060, -13.8563,  
57.7890

246.9060,  
-31.0127, 7.0984


19.4350, -9.5815,  
39.9605

250.2120,


12.0740, -5.4595,


-18.3455, 4.1991

24.4911


 253.5180, -5.6784,  
1.2997


 0.0000, 0.0000,  
0.0000


 152.2340,  
-75.0514, 85.7408

 162.1280,  
-67.6041, 77.0637

 172.0220,  
-60.1568, 68.3867

 181.3290,  
-52.4202, 60.2245

 191.2230,  
-44.9729, 51.5474

 201.1170,  
-37.5257, 42.8704

■ 211.0110,  
-30.0784, 34.1934

■ 220.9050,  
-22.6312, 25.5163

■ 230.2120,  
-14.8945, 17.3541

■ 240.1060, -7.4473,  
8.6770

# Harmonies

## Analogous

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



142.0420, -26.6427, 99.0642



152.2340, -75.0514, 85.7408



152.2030, -75.0361, 34.0250

# Triad

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



152.2340, -75.0514, 85.7408



134.6770, 15.9352, -118.1117



161.4710, 46.1098, 3.9719

# Complementary

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



152.2340, -75.0514, 85.7408



97.7660, 75.0514, -85.7408

# 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.



129.4470, 61.8976, -113.5250



152.2340, -75.0514, 85.7408



142.6400, 48.9845, -125.0953

# Square

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



152.2340, -75.0514, 85.7408



122.7360, -17.1248, -107.6395



140.0130, 56.6886, -122.7914



162.3220, 35.8303, 81.2786



# Rectangle

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



152.2340, -75.0514, 85.7408



146.0690, -72.0120, -2.6915



140.0130, 56.6886, -122.7914



152.0810, 50.7391, -34.2740

# Sweetspot

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



152.2340, -75.0514, 85.7408



225.2040, -22.7786, 26.1311



88.5440, 16.0008, 141.5969



109.8420, -13.7261, 15.9246



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.



152.2340, -75.0514, 85.7408



155.4900, -76.6566, 87.2703



220.3040, -108.6099, 22.5354



119.9960, -3.9420, 4.3885



115.2110, -56.7990, 64.7130



37.0230, -18.2523, 21.0278



# Inverse Universe

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



97.7660, 75.0514, -85.7408



99.5100, 76.6566, -87.2703



29.6960, 108.6099, -22.5354



117.0040, 3.9420, -4.3885



73.7890, 56.7990, -64.7130



23.9770, 18.2523, -21.0278



# Previews

## White Background



This preview shows how the YUV color 152.2340, -75.0514, 85.7408 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

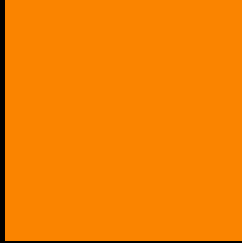
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 152.2340, -75.0514, 85.7408 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 152.2340, -75.0514, 85.7408

## Background



This preview shows how black text looks on a background with the YUV color 152.2340, -75.0514, 85.7408.



This preview shows how white text looks on a background with the YUV color 152.2340, -75.0514,



# 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

153.9770, -65.5577, 27.2072

### Deuteranopia

153.4650, -75.6582, 46.9502

### Tritanopia

163.0810, -15.8159, 79.7360

# Trichromacy



## Protanomaly

153.1970, -69.1171, 48.9392

## Deuteranomaly

152.9660, -75.4122, 61.4198

## Tritanomaly

159.0710, -37.5030, 82.3757

# Monochromacy



## Achromatopsia

152.0000, 0.0000, 0.0000

## Achromatomaly

152.3850, -27.3048, 31.2344

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 152.2340, -75.0514, 85.7408 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(250, 132, 0)` looks like.

```
.text, #text, p{  
    color:rgb(250, 132, 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(250, 132, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 132, 0) }
```

## Border

The CSS property to change the border of an element to YUV 152.2340, -75.0514, 85.7408 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(250, 132, 0) }
```

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

```
.border{ border-color:rgb(250, 132, 0) }
```

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

Here you see how a box with a 4 pixel rgb(250, 132, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 132, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 132, 0);  
box-shadow:4px 4px 4px 4px rgb(250, 132,  
0) }
```



# Background

The CSS property to change the background color of an element to YUV 152.2340, -75.0514, 85.7408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 132, 0) }
```

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

```
.background{ background-color: rgb(250,  
132, 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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