

# Converting Colors

YUV(153.5450, -59.9217,  
86.3450)

Have a look what the booklet for  
YUV(153.5450, -59.9217, 86.3450)  
contains.

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# Color

**YUV(153.5450, -59.9217,  
86.3450)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC7F20
RGB	252, 127, 32
RGB Percent	99%, 50%, 13%
CMY	0.0118, 0.5020, 0.8745
CMYK	0.00, 0.50, 0.87, 0.01
HSL	26°, 97%, 56%
HSV	26°, 87%, 99%
XYZ	47.9950, 35.9785, 5.7814
YIQ	153.5450, 104.9950, -3.0450

# Conversions

## Conversions Part 2

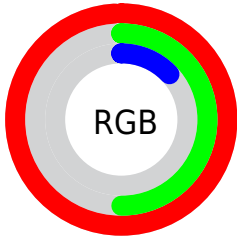
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	252, 199, 32
Decimal	16547616
CIE <sub>Lab</sub>	66.50, 42.54, 67.08
CIE <sub>LCh</sub>	67, 79.428, 57.617
Yxy	35.9785, 0.5347, 0.4009
Android (android.graphics.Color)	4294737696 (0xFFFC7F20)
YUV	153.5450, -59.9217, 86.3450
Hunter-Lab	59.9821, 37.8591, 36.2727

# Details

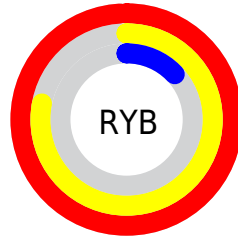
The YUV color **153.5450, -59.9217, 86.3450** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **130.4550, 59.9217, -86.3450**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.5240, -51.5303, 54.7915**, and **100.2370, -49.4168, 76.9682** is the 20% darker color. If you saturate the color by 10%, you get **142.4770, -66.7902, 96.0517**, and if you desaturate by 10%, it is **164.6130, -53.0532, 76.6384**.

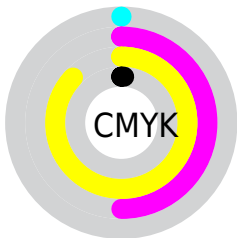
# Distribution



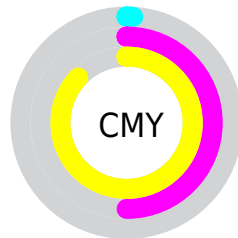
- Red (99%)
- Green (50%)
- Blue (13%)



- Red (99%)
- Yellow (78%)
- Blue (13%)



- Cyan (0%)
- Magenta (50%)
- Yellow (87%)
- Black (1%)



- Cyan (1%)
- Magenta (50%)
- Yellow (87%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 153.5450, -59.9217, 86.3450 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 153.5450, -59.9217, 86.3450 by changing the saturation by 10% instead.



 153.5450,  
-59.9217, 86.3450


 153.5450,  
-59.9217, 86.3450


255.0000, 0.0000,  
0.0000


 125.0670,  
-61.6580, 83.2562


 192.5240,  
-51.5303, 54.7915

 100.2370,  
-49.4168, 76.9682


 212.6250,  
-48.1291, 37.1629

 75.7060, -37.3231,  
71.2948


 232.1390,  
-44.4385, 20.0491

 50.0010, -24.6505,  
66.6511

 245.1960,  
-37.5646, 8.5981

 28.7040, -14.1511,  
59.0186

 248.5020,  
-24.8975, 5.6987

 20.0330, -9.8763,  
41.1901

 251.6940,

 12.3730, -5.6069,

-12.6671, 2.8994

25.1059

■ 0.0000, 0.0000,  
0.0000

■ 153.5450,  
-59.9217, 86.3450

■ 153.5450,  
-59.9217, 86.3450

■ 142.4770,  
-66.7902, 96.0517

■ 164.6130,  
-53.0532, 76.6384

■ 139.3310,  
-68.6902, 98.8107

■ 176.2680,  
-46.4741, 66.4170

■ 187.4500,  
-39.1688, 56.6104

■ 198.5180,  
-32.3004, 46.9037

■ 210.1730,  
-25.7213, 36.6823

■ 221.2410,  
-18.8528, 26.9756

■ 232.3090,  
-11.9843, 17.2690

■ 244.0780, -4.9685,  
6.9476

■ 254.1030, 0.4422,  
-1.8443

# Harmonies

## Analogous

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



142.8230, -21.1117, 98.3792



153.5450, -59.9217, 86.3450



151.6600, -74.7684, 41.5172

# Triad

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



153.5450, -59.9217, 86.3450



130.8470, 11.4144, -114.7528



157.5400, 48.0478, -10.9976

# Complementary

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



153.5450, -59.9217, 86.3450



130.4550, 59.9217, -86.3450

# 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.



130.0340, 61.6082, -114.0398



153.5450, -59.9217, 86.3450



139.0550, 42.8639, -121.9512

# Square

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



153.5450, -59.9217, 86.3450



119.4760, -19.4617, -104.7805



139.4260, 56.9780, -122.2766



163.2880, 37.3260, 68.1534



# Rectangle

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



153.5450, -59.9217, 86.3450



146.4230, -72.1865, 6.6450



139.4260, 56.9780, -122.2766



146.3560, 53.5615, -52.9322

# Sweetspot

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



153.5450, -59.9217, 86.3450



225.1700, -17.8318, 26.1609



112.3720, 23.4806, 122.4538



109.9390, -10.8159, 15.8395



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.



153.5450, -59.9217, 86.3450



140.8150, -69.4218, 100.1402



216.3540, -90.8865, 31.2615



119.4090, -3.6526, 4.9033



104.0580, -51.3006, 74.4941



33.5010, -16.5160, 24.1166

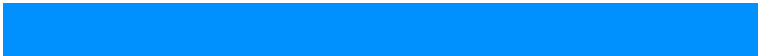


# Inverse Universe

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



130.4550, 59.9217, -86.3450



114.1850, 69.4218, -100.1402



67.6460, 90.8865, -31.2615



118.1780, 3.3632, -5.4181



84.3550, 51.5900, -73.9793



27.4990, 16.5160, -24.1166



# Previews

## White Background



This preview shows how the YUV color 153.5450, -59.9217, 86.3450 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 153.5450, -59.9217, 86.3450 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 153.5450, -59.9217, 86.3450

## Background



This preview shows how black text looks on a background with the YUV color 153.5450, -59.9217, 86.3450.



This preview shows how white text looks on a background with the YUV color 153.5450, -59.9217, 86.3450.



# 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

153.5450, -59.9217, 86.3450

### Protanopia

154.7730, -56.0901, 23.8781

### Deuteranopia

152.6050, -71.2903, 45.9504



## Tritanopia

160.5760, -16.5530, 82.8098

# Trichromacy



## Original Color

153.5450, -59.9217, 86.3450

## Protanomaly

154.2750, -57.3236, 46.2398

## Deuteranomaly

152.8440, -66.9711, 60.6498

## Tritanomaly

158.0480, -32.5617, 84.1499

# Monochromacy



## Original Color

153.5450, -59.9217, 86.3450

## Achromatopsia

154.0000, 0.0000, 0.0000

## Achromatomaly

153.8780, -21.6319, 31.6790

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 153.5450, -59.9217, 86.3450 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(252, 127, 32)` looks like.

```
.text, #text, p{  
    color:rgb(252, 127, 32)  
}
```

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(252, 127, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 127, 32) }
```

## Border

The CSS property to change the border of an element to YUV 153.5450, -59.9217, 86.3450 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(252, 127, 32) }
```



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

```
.border{ border-color:rgb(252, 127, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 127, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 127, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 127, 32);  
box-shadow:4px 4px 4px 4px rgb(252, 127,  
32) }
```

# Background

The CSS property to change the background color of an element to YUV 153.5450, -59.9217, 86.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 127, 32) }
```

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

```
.background{ background-color: rgb(252,  
127, 32) }
```

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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