

Converting Colors

YUV(159.2350, -59.7689,
83.9859)

Have a look what the booklet for
YUV(159.2350, -59.7689, 83.9859)
contains.

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Color

**YUV(159.2350, -59.7689,
83.9859)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8626
RGB	255, 134, 38
RGB Percent	100%, 53%, 15%
CMY	0.0000, 0.4745, 0.8510
CMYK	0.00, 0.47, 0.85, 0.00
HSL	27°, 100%, 57%
HSV	27°, 85%, 100%
XYZ	50.1149, 38.4501, 6.6140
YIQ	159.2350, 102.9320, -4.2040

Conversions

Conversions Part 2

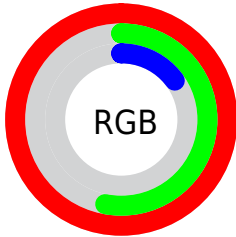
Format	Color
R_{YB}	255, 210, 38
Decimal	16746022
CIE _{Lab}	68.35, 40.35, 66.81
CIE _{LCh}	68, 78.054, 58.869
Yxy	38.4501, 0.5265, 0.4040
Android (android.graphics.Color)	4294936102 (0xFFFF8626)
YUV	159.2350, -59.7689, 83.9859
Hunter-Lab	62.0082, 35.7492, 37.0817

Details

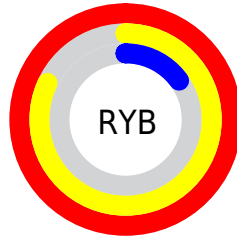
The YUV color **159.2350, -59.7689, 83.9859** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **133.7650, 59.7689, -83.9859**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.7900, -51.6615, 50.1732**, and **105.2430, -51.8848, 75.2089** is the 20% darker color. If you saturate the color by 10%, you get **148.1670, -66.6373, 93.6925**, and if you desaturate by 10%, it is **170.4170, -52.4636, 74.1793**.

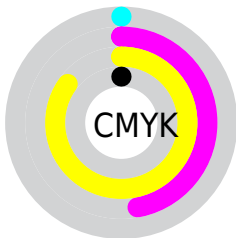
Distribution



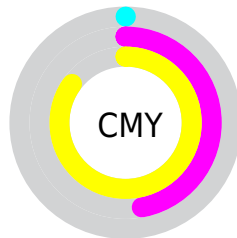
- Red (100%)
- Green (53%)
- Blue (15%)



- Red (100%)
- Yellow (82%)
- Blue (15%)



- Cyan (0%)
- Magenta (47%)
- Yellow (85%)
- Black (0%)



- Cyan (0%)
- Magenta (47%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.2350, -59.7689, 83.9859 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 159.2350, -59.7689, 83.9859 by changing the saturation by 10% instead.

159.2350,
-59.7689, 83.9859

159.2350,
-59.7689, 83.9859

255.0000, 0.0000,
0.0000

130.0730,
-64.1260, 81.4970

197.7900,
-51.6615, 50.1732

105.2430,
-51.8848, 75.2089

217.3040,
-47.9709, 33.0594

81.2990, -40.0804,
69.0208

237.4050,
-44.5697, 15.4308

56.7680, -27.9866,
63.3475

245.8800,
-34.9438, 7.9982

29.6010, -14.5933,
60.8629

249.0720,
-22.7135, 5.1989

20.9300, -10.3185,
43.0344

252.3780,

13.5690, -6.1965,

-10.0464, 2.2995

27.5650

■ 0.0000, 0.0000,
0.0000

■ 159.2350,
-59.7689, 83.9859

■ 159.2350,
-59.7689, 83.9859

■ 148.1670,
-66.6373, 93.6925

■ 170.4170,
-52.4636, 74.1793

■ 142.5760,
-70.2900, 98.5958

■ 181.4850,
-45.5951, 64.4727

■ 193.2540,
-38.5792, 54.1512

■ 204.3220,
-31.7107, 44.4446

■ 215.5040,
-24.4055, 34.6380

■ 226.5720,
-17.5370, 24.9314

■ 238.3410,
-10.5211, 14.6099

■ 249.4090, -3.6526,
4.9033

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



148.4480, -22.4059, 93.4461



159.2350, -59.7689, 83.9859



156.0790, -76.9469, 40.2727

Triad

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



159.2350, -59.7689, 83.9859



134.6940, 13.4619, -118.1266



163.4760, 45.1213, -5.6795

Complementary

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



159.2350, -59.7689, 83.9859



133.7650, 59.7689, -83.9859

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.



132.3820, 60.4507, -116.0990



159.2350, -59.7689, 83.9859



142.7880, 44.4745, -125.2251

Square

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



159.2350, -59.7689, 83.9859



123.4370, -16.9774, -108.2542



141.7740, 55.8204, -124.3358



169.1310, 35.4314, 69.1681

Rectangle

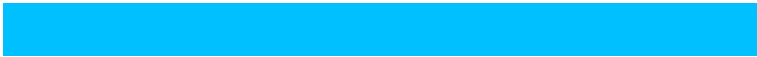
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



159.2350, -59.7689, 83.9859



150.8420, -74.3651, 5.4006



141.7740, 55.8204, -124.3358



153.7980, 49.8926, -42.7958

Sweetspot

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



159.2350, -59.7689, 83.9859



225.7570, -18.1212, 25.6461



116.9050, 21.7388, 121.1093



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.



159.2350, -59.7689, 83.9859



142.5760, -70.2900, 98.5958



222.0440, -90.7337, 28.9024



121.8220, -3.3632, 5.4181



107.0040, -52.7530, 73.6645



35.5720, -17.5370, 24.9314

Inverse Universe

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



133.7650, 59.7689, -83.9859



112.4240, 70.2900, -98.5958



70.9560, 90.7337, -28.9024



120.5910, 3.6526, -4.9033



84.5830, 52.4636, -74.1793



28.4280, 17.5370, -24.9314

Previews

White Background



This preview shows how the YUV color 159.2350, -59.7689, 83.9859 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 159.2350, -59.7689, 83.9859 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 159.2350, -59.7689, 83.9859

Background



This preview shows how black text looks on a background with the YUV color 159.2350, -59.7689, 83.9859.



This preview shows how white text looks on a background with the YUV color 159.2350, -59.7689, 83.9859.

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

159.2350, -59.7689, 83.9859

Protanopia

159.3000, -55.3639, 24.2929

Deuteranopia

158.5710, -66.3435, 45.9802



Tritanopia

166.8850, -15.2263, 77.2769

Trichromacy



Original Color

159.2350, -59.7689, 83.9859

Protanomaly

159.3890, -56.8868, 46.1398

Deuteranomaly

158.6420, -63.9135, 59.9500

Tritanomaly

163.9550, -31.5298, 79.8465

Monochromacy



Original Color

159.2350, -59.7689, 83.9859

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.1660, -21.7738, 30.5494

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.2350, -59.7689, 83.9859 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(255, 134, 38)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 38)  
}
```

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(255, 134, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 38) }
```

Border

The CSS property to change the border of an element to YUV 159.2350, -59.7689, 83.9859 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(255, 134, 38) }
```


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

```
.border{ border-color:rgb(255, 134, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 134, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 38);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 159.2350, -59.7689, 83.9859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 134, 38) }
```

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

```
.background{ background-color: rgb(255,  
134, 38) }
```

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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