

Converting Colors

YUV(151.5080, -63.8474,
85.5005)

Have a look what the booklet for
YUV(151.5080, -63.8474, 85.5005)
contains.

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Color

**YUV(151.5080, -63.8474,
85.5005)**

Conversions

Conversions Part 1

Format	Color
Hex	F97F16
RGB	249, 127, 22
RGB Percent	98%, 50%, 9%
CMY	0.0235, 0.5020, 0.9137
CMYK	0.00, 0.49, 0.91, 0.02
HSL	28°, 95%, 53%
HSV	28°, 91%, 98%
XYZ	46.8011, 35.3764, 5.1207
YIQ	151.5080, 106.4170, -6.7910

Conversions

Conversions Part 2

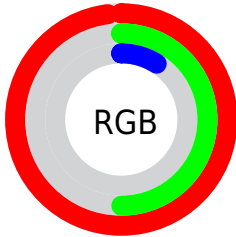
Format	Color
R _Y B	249, 217, 22
Decimal	16350998
CIE Lab	66.04, 41.21, 69.26
CIE LCh	66, 80.589, 59.249
Yxy	35.3764, 0.5361, 0.4052
Android (android.graphics.Color)	4294541078 (0xFFFF97F16)
YUV	151.5080, -63.8474, 85.5005
Hunter-Lab	59.4781, 36.3685, 36.5301

Details

The YUV color **151.5080, -63.8474, 85.5005** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **119.4920, 63.8474, -85.5005**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.7260, -54.5879, 55.4913**, and **99.3400, -48.9746, 75.1238** is the 20% darker color. If you saturate the color by 10%, you get **141.9560, -69.9843, 93.8776**, and if you desaturate by 10%, it is **161.9890, -56.6896, 76.3086**.

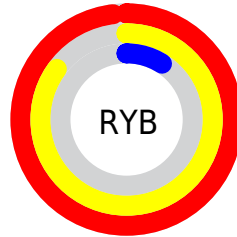
Distribution



Red (98%)

Green (50%)

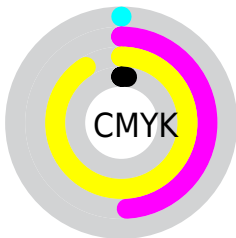
Blue (9%)



Red (98%)

Yellow (85%)

Blue (9%)

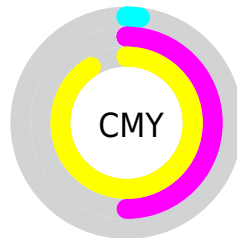


Cyan (0%)

Magenta (49%)

Yellow (91%)

Black (2%)



Cyan (2%)

Magenta (50%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.5080, -63.8474, 85.5005 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 151.5080, -63.8474, 85.5005 by changing the saturation by 10% instead.

151.5080,
-63.8474, 85.5005

151.5080,
-63.8474, 85.5005

255.0000, 0.0000,
0.0000

124.1700,
-61.2158, 81.4119

191.7260,
-54.5879, 55.4913

99.3400, -48.9746,
75.1238

211.2400,
-50.8973, 38.3775

75.3960, -37.1702,
68.9357

231.4550,
-47.0593, 20.6490

49.6910, -24.4977,
64.2920

244.5120,
-40.1854, 9.1980

27.8070, -13.7089,
57.1743

247.7040,
-27.9551, 6.3986

19.1360, -9.4340,
39.3457

251.0100,

11.4760, -5.1647,

-15.2879, 3.4992

23.2615

254.3160, -2.6208,
0.5999

0.0000, 0.0000,
0.0000

151.5080,
-63.8474, 85.5005

151.5080,
-63.8474, 85.5005

141.9560,
-69.9843, 93.8776

161.9890,
-56.6896, 76.3086

173.0570,
-49.8211, 66.6020

183.5380,
-42.6632, 57.4102

194.6060,
-35.7948, 47.7035

205.0870,
-28.6369, 38.5117

■ 215.4540,
-21.9158, 29.4198

■ 226.5220,
-15.0473, 19.7132

■ 237.0030, -7.8895,
10.5214

■ 247.4840, -0.7316,
1.3295

Harmonies

Analogous

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



141.5520, -23.4431, 99.4939



151.5080, -63.8474, 85.5005



150.1650, -74.0313, 38.4433

Triad

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



151.5080, -63.8474, 85.5005



130.4880, 12.5774, -114.4380



157.5730, 48.0315, -5.7645

Complementary

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



151.5080, -63.8474, 85.5005



119.4920, 63.8474, -85.5005

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.



128.8600, 62.1870, -113.0102



151.5080, -63.8474, 85.5005



138.9240, 44.9005, -121.8363

Square

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



151.5080, -63.8474, 85.5005



119.0030, -18.7355, -104.3656



138.2520, 57.5568, -121.2470



161.4950, 36.7310, 72.3569

Rectangle

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



151.5080, -63.8474, 85.5005



144.9280, -71.4495, 3.5711



138.2520, 57.5568, -121.2470



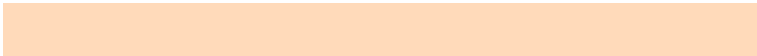
146.9870, 53.2504, -46.4696

Sweetspot

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



151.5080, -63.8474, 85.5005



225.4150, -19.4316, 25.9460



104.1230, 21.1384, 127.0571



110.4120, -11.5421, 15.4247



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.



151.5080, -63.8474, 85.5005



145.5110, -71.7369, 96.0219



216.6650, -95.9698, 28.3578



119.4090, -3.6526, 4.9033



107.5800, -53.0369, 71.4053



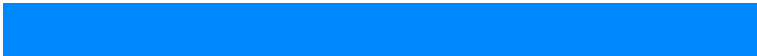
34.6750, -17.0948, 23.0870

Inverse Universe

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



119.4920, 63.8474, -85.5005



109.4890, 71.7369, -96.0219



54.3350, 95.9698, -28.3578



117.5910, 3.6526, -4.9033



80.8330, 53.3263, -70.8905



26.3250, 17.0948, -23.0870

Previews

White Background



This preview shows how the YUV color 151.5080, -63.8474, 85.5005 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 151.5080, -63.8474, 85.5005 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 151.5080, -63.8474, 85.5005

Background



This preview shows how black text looks on a background with the YUV color 151.5080, -63.8474, 85.5005.



This preview shows how white text looks on a background with the YUV color 151.5080, -63.8474, 85.5005.

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

151.5080, -63.8474, 85.5005

Protanopia

152.2740, -59.2951, 25.1927

Deuteranopia

150.5080, -74.2004, 46.0355



Tritanopia

159.2770, -16.4056, 82.1951

Trichromacy



Original Color

151.5080, -63.8474, 85.5005

Protanomaly

152.2490, -61.2548, 47.1396

Deuteranomaly

151.2200, -70.6075, 60.3201

Tritanomaly

156.4070, -33.7247, 83.8351

Monochromacy



Original Color

151.5080, -63.8474, 85.5005

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.8240, -23.0842, 30.8494

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.5080, -63.8474, 85.5005 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(249, 127, 22)` looks like.

```
.text, #text, p{  
    color:rgb(249, 127, 22)  
}
```

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(249, 127, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 127, 22) }
```

Border

The CSS property to change the border of an element to YUV 151.5080, -63.8474, 85.5005 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(249, 127, 22) }
```


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

```
.border{ border-color:rgb(249, 127, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 127, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 127, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 127, 22);  
box-shadow:4px 4px 4px 4px rgb(249, 127,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 151.5080, -63.8474, 85.5005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 127, 22) }
```

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

```
.background{ background-color: rgb(249,  
127, 22) }
```

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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