

Converting Colors

YUV(165.0550, -60.1731,
73.6198)

Have a look what the booklet for
YUV(165.0550, -60.1731, 73.6198)
contains.

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Color

**YUV(165.0550, -60.1731,
73.6198)**

Conversions

Conversions Part 1

Format	Color
Hex	F9922B
RGB	249, 146, 43
RGB Percent	98%, 57%, 17%
CMY	0.0235, 0.4275, 0.8314
CMYK	0.00, 0.41, 0.83, 0.02
HSL	30°, 94%, 57%
HSV	30°, 83%, 98%
XYZ	49.7819, 40.8719, 7.5508
YIQ	165.0550, 94.4510, -10.1970

Conversions

Conversions Part 2

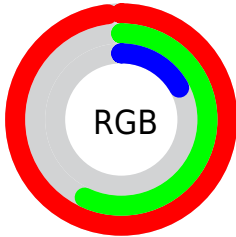
Format	Color
R _Y B	249, 249, 43
Decimal	16355883
CIE Lab	70.09, 31.98, 66.26
CIE LCh	70, 73.569, 64.235
Yxy	40.8719, 0.5069, 0.4162
Android (android.graphics.Color)	4294545963 (0xFFFF9922B)
YUV	165.0550, -60.1731, 73.6198
Hunter-Lab	63.9312, 27.1147, 37.7492

Details

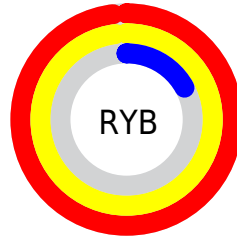
The YUV color **165.0550, -60.1731, 73.6198** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **126.9450, 60.1731, -73.6198**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.4040, -52.9502, 43.4957**, and **110.7920, -54.6205, 65.9574** is the 20% darker color. If you saturate the color by 10%, you get **155.1610, -67.6204, 82.2968**, and if you desaturate by 10%, it is **174.9490, -52.7259, 64.9427**.

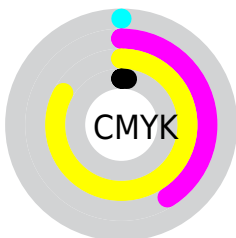
Distribution



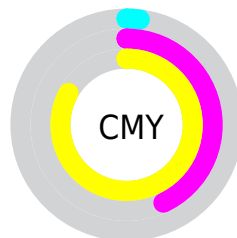
- Red (98%)
- Green (57%)
- Blue (17%)



- Red (98%)
- Yellow (98%)
- Blue (17%)



- Cyan (0%)
- Magenta (41%)
- Yellow (83%)
- Black (2%)



- Cyan (2%)
- Magenta (43%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.0550, -60.1731, 73.6198 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 165.0550, -60.1731, 73.6198 by changing the saturation by 10% instead.

165.0550,
-60.1731, 73.6198

165.0550,
-60.1731, 73.6198

255.0000, 0.0000,
0.0000

135.8930,
-64.5302, 71.1308

205.4040,
-52.9502, 43.4957

110.7920,
-54.6205, 65.9574

224.9180,
-49.2596, 26.3819

87.7340, -43.2529,
59.8693

243.2580,
-44.9902, 10.2977

64.3770, -31.7379,
53.1664

246.4500,
-32.7599, 7.4983

41.6180, -20.5177,
47.6930

249.7560,
-20.0927, 4.5990

20.0330, -9.8763,
41.1901

253.0620, -7.4256,

13.2700, -6.0491,

1.6996

26.9502

■ 0.0000, 0.0000,
0.0000

■ 165.0550,
-60.1731, 73.6198

■ 165.0550,
-60.1731, 73.6198

■ 155.1610,
-67.6204, 82.2968

■ 174.9490,
-52.7259, 64.9427

■ 147.8260,
-72.8782, 88.7296

■ 185.4300,
-45.5680, 55.7509

■ 195.3240,
-38.1207, 47.0739

■ 205.8050,
-30.9629, 37.8820

■ 215.5850,
-23.9524, 29.3050

226.0660,
-16.7945, 20.1131

235.9600, -9.3473,
11.4361

246.4410, -2.1894,
2.2442

253.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



156.9110, -28.0571, 86.0241



165.0550, -60.1731, 73.6198



158.6820, -78.2302, 31.8509

Triad

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



165.0550, -60.1731, 73.6198



138.9800, 19.7299, -121.8855



171.5490, 41.1413, 10.9195

Complementary

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



165.0550, -60.1731, 73.6198



126.9450, 60.1731, -73.6198

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



165.0550, -60.1731, 73.6198



145.9170, 48.8479, -127.9692

Square

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



165.0550, -60.1731, 73.6198



128.7660, -9.2516, -112.9278



142.3610, 55.5310, -124.8506



172.4320, 28.8740, 72.4121

Rectangle

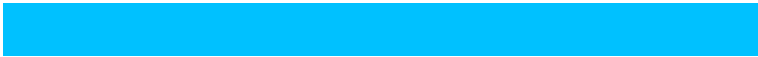
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



165.0550, -60.1731, 73.6198



156.2350, -63.7129, -4.5911



142.3610, 55.5310, -124.8506



165.7580, 43.9963, -18.2048

Sweetspot

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



165.0550, -60.1731, 73.6198



228.9200, -18.6946, 22.8722



116.3360, 14.6244, 116.3463



111.8140, -11.2473, 14.1951



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.



165.0550, -60.1731, 73.6198



152.3100, -73.6098, 90.0591



225.5160, -89.9804, 20.5955



119.9960, -3.9420, 4.3885



111.6890, -55.0627, 67.8017



36.4360, -17.9629, 21.5426

Inverse Universe

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



126.9450, 60.1731, -73.6198



105.6900, 73.6098, -90.0591



66.4840, 89.9804, -20.5955



117.5910, 3.6526, -4.9033



76.7240, 55.3521, -67.2869



25.1510, 17.6736, -22.0574

Previews

White Background



This preview shows how the YUV color 165.0550, -60.1731, 73.6198 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 165.0550, -60.1731, 73.6198 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 165.0550, -60.1731, 73.6198

Background



This preview shows how black text looks on a background with the YUV color 165.0550, -60.1731, 73.6198.



This preview shows how white text looks on a background with the YUV color 165.0550, -60.1731, 73.6198.

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

165.0550, -60.1731, 73.6198

Protanopia

164.3710, -56.3849, 25.1076

Deuteranopia

164.2550, -63.7227, 45.3804



Tritanopia

172.4220, -13.0260, 71.5439

Trichromacy



Original Color

165.0550, -60.1731, 73.6198

Protanomaly

164.7260, -58.0389, 42.3363

Deuteranomaly

164.6630, -62.4449, 55.5465

Tritanomaly

169.9540, -30.0503, 71.9543

Monochromacy



Original Color

165.0550, -60.1731, 73.6198

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.1440, -21.7630, 27.0607

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.0550, -60.1731, 73.6198 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, 146, 43)` looks like.

```
.text, #text, p{  
    color:rgb(249, 146, 43)  
}
```

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, 146, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 146, 43) }
```

Border

The CSS property to change the border of an element to YUV 165.0550, -60.1731, 73.6198 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, 146, 43) }
```


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

```
.border{ border-color:rgb(249, 146, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 146, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 146, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 146, 43);  
box-shadow:4px 4px 4px 4px rgb(249, 146,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 165.0550, -60.1731, 73.6198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 146, 43) }
```

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

```
.background{ background-color: rgb(249,  
146, 43) }
```

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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