

Converting Colors

YUV(154.8830, -66.0043,
77.2786)

Have a look what the booklet for
YUV(154.8830, -66.0043, 77.2786)
contains.

YUV(154.8830, -66.0043, 77.2786)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(154.8830, -66.0043,
77.2786)**

Conversions

Conversions Part 1

Format	Color
Hex	F38815
RGB	243, 136, 21
RGB Percent	95%, 53%, 8%
CMY	0.0471, 0.4667, 0.9176
CMYK	0.00, 0.44, 0.91, 0.05
HSL	31°, 90%, 52%
HSV	31°, 91%, 95%
XYZ	45.9017, 36.7171, 5.3773
YIQ	154.8830, 100.6870, -13.0810

Conversions

Conversions Part 2

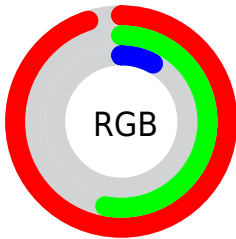
Format	Color
R_{YB}	228, 243, 21
Decimal	15960085
CIE _{Lab}	67.06, 34.25, 69.84
CIE _{LCh}	67, 77.782, 63.877
Yxy	36.7171, 0.5216, 0.4173
Android (android.graphics.Color)	4294150165 (0xFFFF38815)
YUV	154.8830, -66.0043, 77.2786
Hunter-Lab	60.5947, 29.1766, 37.1548

Details

The YUV color **154.8830, -66.0043, 77.2786** 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 **109.1170, 66.0043, -77.2786**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.1230, -56.7556, 50.7581**, and **103.7150, -51.1315, 66.9019** is the 20% darker color. If you saturate the color by 10%, you get **146.6190, -72.2832, 84.5261**, and if you desaturate by 10%, it is **164.6630, -58.9939, 68.7015**.

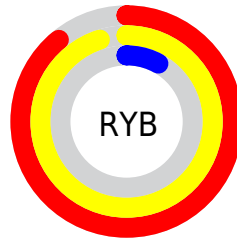
Distribution



Red (95%)

Green (53%)

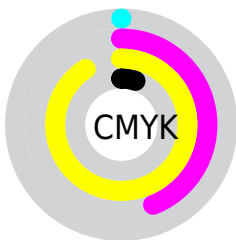
Blue (8%)



Red (89%)

Yellow (95%)

Blue (8%)

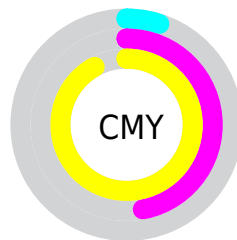


Cyan (0%)

Magenta (44%)

Yellow (91%)

Black (5%)



Cyan (5%)

Magenta (47%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.8830, -66.0043, 77.2786 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 154.8830, -66.0043, 77.2786 by changing the saturation by 10% instead.

154.8830,
-66.0043, 77.2786

154.8830,
-66.0043, 77.2786

255.0000, 0.0000,
0.0000

127.6590,
-62.9359, 73.0901

197.1230,
-56.7556, 50.7581

103.7150,
-51.1315, 66.9019

216.6370,
-53.0650, 33.6444

79.7710, -39.3271,
60.7138

236.7380,
-49.6638, 16.0158

56.7130, -27.9595,
54.6257

244.6260,
-39.7486, 9.0980

31.8940, -15.7237,
50.0820

247.8180,
-27.5183, 6.2986

18.2390, -8.9918,
37.5014

251.1240,

10.5790, -4.7224,

-14.8511, 3.3993

21.4172

254.4300, -2.1840,
0.4999

0.0000, 0.0000,
0.0000

154.8830,
-66.0043, 77.2786

154.8830,
-66.0043, 77.2786

146.6190,
-72.2832, 84.5261

164.6630,
-58.9939, 68.7015

173.9700,
-51.2572, 60.5393

183.7500,
-44.2467, 51.9622

193.5300,
-37.2363, 43.3852

203.3100,
-30.2258, 34.8081

■ 212.6170,
-22.4892, 26.6459

■ 222.3970,
-15.4787, 18.0688

■ 232.1770, -8.4683,
9.4918

■ 241.4840, -0.7316,
1.3295

Harmonies

Analogous

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



147.4390, -28.8104, 94.3310



154.8830, -66.0043, 77.2786



151.5940, -74.7358, 31.0511

Triad

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



154.8830, -66.0043, 77.2786



133.9590, 18.2612, -117.4820



162.9770, 45.3673, 8.7902

Complementary

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



154.8830, -66.0043, 77.2786



109.1170, 66.0043, -77.2786

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.



128.2730, 62.4764, -112.4954



154.8830, -66.0043, 77.2786



141.2380, 48.6897, -123.8657

Square

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



154.8830, -66.0043, 77.2786



123.2890, -12.4675, -108.1245



138.2520, 57.5568, -121.2470



163.6330, 30.7469, 78.3749

Rectangle

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



154.8830, -66.0043, 77.2786



145.4710, -71.7172, -3.9211



138.2520, 57.5568, -121.2470



156.5770, 48.5225, -23.3080

Sweetspot

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



154.8830, -66.0043, 77.2786



227.7630, -20.5892, 23.8868



99.5760, 14.0130, 125.7828



111.5860, -12.1209, 14.3951



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.



154.8830, -66.0043, 77.2786



153.7290, -75.7884, 88.8147



216.4960, -96.3795, 19.7360



117.6970, -3.7946, 3.7737



111.9660, -55.1992, 64.9278



35.2510, -17.3787, 20.8279

Inverse Universe

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



109.1170, 66.0043, -77.2786



101.2710, 75.7884, -88.8147



47.5040, 96.3795, -19.7360



114.8900, 3.5052, -4.2885



74.0340, 55.1992, -64.9278



23.1620, 17.6681, -20.3131

Previews

White Background



This preview shows how the YUV color 154.8830, -66.0043, 77.2786 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 154.8830, -66.0043, 77.2786 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 154.8830, -66.0043, 77.2786

Background



This preview shows how black text looks on a background with the YUV color 154.8830, -66.0043, 77.2786.



This preview shows how white text looks on a background with the YUV color 154.8830, -66.0043,

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

154.8830, -66.0043, 77.2786

Protanopia

154.5900, -61.9159, 25.7926

Deuteranopia

152.8780, -75.3689, 47.4650



Tritanopia

164.2050, -13.9051, 73.4882

Trichromacy



Original Color

154.8830, -66.0043, 77.2786

Protanomaly

154.6570, -63.4279, 44.1508

Deuteranomaly

153.5680, -71.7650, 58.2609

Tritanomaly

160.5800, -32.8239, 74.9133

Monochromacy



Original Color

154.8830, -66.0043, 77.2786

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.8730, -24.0944, 28.1754

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.8830, -66.0043, 77.2786 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(243, 136, 21)` looks like.

```
.text, #text, p{  
    color:rgb(243, 136, 21)  
}
```

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(243, 136, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 136, 21) }
```

Border

The CSS property to change the border of an element to YUV 154.8830, -66.0043, 77.2786 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(243, 136, 21) }
```


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

```
.border{ border-color:rgb(243, 136, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 136, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 136, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 136, 21);  
box-shadow:4px 4px 4px 4px rgb(243, 136,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 154.8830, -66.0043, 77.2786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 136, 21) }
```

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

```
.background{ background-color: rgb(243,  
136, 21) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor