

Converting Colors

YUV(154.4600, -67.7678,
82.9116)

Have a look what the booklet for
YUV(154.4600, -67.7678, 82.9116)
contains.

YUV(154.4600, -67.7678, 82.9116)	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(154.4600, -67.7678,
82.9116)**

Conversions

Conversions Part 1

Format	Color
Hex	F98511
RGB	249, 133, 17
RGB Percent	98%, 52%, 7%
CMY	0.0235, 0.4784, 0.9333
CMYK	0.00, 0.47, 0.93, 0.02
HSL	30°, 95%, 52%
HSV	30°, 93%, 98%
XYZ	47.5556, 36.9553, 5.1569
YIQ	154.4600, 106.3720, -11.4840

Conversions

Conversions Part 2

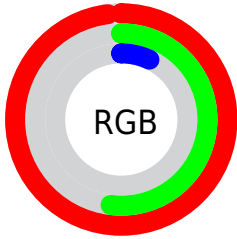
Format	Color
RYB	249, 249, 17
Decimal	16352529
CIELab	67.24, 38.13, 71.16
CIELCh	67, 80.734, 61.816
Yxy	36.9553, 0.5304, 0.4121
Android (android.graphics.Color)	4294542609 (0xFFFF98511)
YUV	154.4600, -67.7678, 82.9116
Hunter-Lab	60.7908, 33.2535, 37.5240

Details

The YUV color **154.4600, -67.7678, 82.9116** 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 **111.5400, 67.7678, -82.9116**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.1340, -56.7611, 52.5025**, and **102.8620, -50.7110, 72.0350** is the 20% darker color. If you saturate the color by 10%, you get **147.8260, -72.8782, 88.7296**, and if you desaturate by 10%, it is **164.3540, -60.3205, 74.2345**.

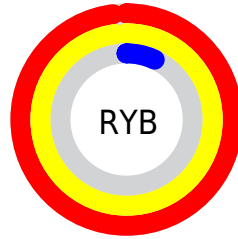
Distribution



Red (98%)

Green (52%)

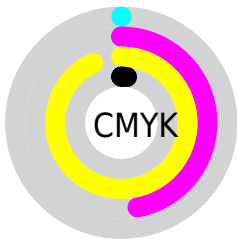
Blue (7%)



Red (98%)

Yellow (98%)

Blue (7%)

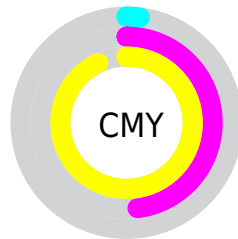


Cyan (0%)

Magenta (47%)

Yellow (93%)

Black (2%)



Cyan (2%)

Magenta (48%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.4600, -67.7678, 82.9116 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 154.4600, -67.7678, 82.9116 by changing the saturation by 10% instead.

154.4600,
-67.7678, 82.9116

154.4600,
-67.7678, 82.9116

255.0000, 0.0000,
0.0000

127.6920,
-62.9522, 78.3231

195.1340,
-56.7611, 52.5025

102.8620,
-50.7110, 72.0350

214.6480,
-53.0705, 35.3887

78.9180, -38.9066,
65.8469

234.7490,
-49.6693, 17.7601

54.9740, -27.1022,
59.6588

244.3980,
-40.6222, 9.2980

28.6930, -14.1456,
57.2742

247.5900,
-28.3919, 6.4986

19.4350, -9.5815,
39.9605

250.8960,

12.0740, -5.4595,

-15.7247, 3.5992

24.4911

254.2020, -3.0576,
0.6998

0.0000, 0.0000,
0.0000

154.4600,
-67.7678, 82.9116

154.4600,
-67.7678, 82.9116

147.8260,
-72.8782, 88.7296

164.3540,
-60.3205, 74.2345

174.8350,
-53.1627, 65.0427

184.7290,
-45.7154, 56.3657

195.2100,
-38.5575, 47.1738

204.9900,
-31.5471, 38.5968

■ 215.4710,
-24.3892, 29.4049

■ 225.3650,
-16.9419, 20.7279

■ 235.8460, -9.7841,
11.5361

■ 245.7400, -2.3368,
2.8590

Harmonies

Analogous

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



144.7320, -26.4899, 96.7050



154.4600, -67.7678, 82.9116



152.5020, -75.1835, 34.6397

Triad

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



154.4600, -67.7678, 82.9116



133.9760, 15.7878, -117.4970



161.7590, 45.9678, 2.8424

Complementary

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



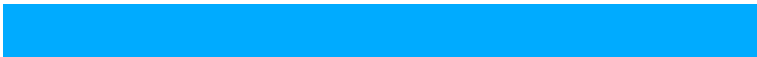
154.4600, -67.7678, 82.9116



111.5400, 67.7678, -82.9116

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.



129.4470, 61.8976, -113.5250



154.4600, -67.7678, 82.9116



142.2980, 47.6741, -124.7953

Square

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



154.4600, -67.7678, 82.9116



122.9640, -16.2513, -107.8394



140.0130, 56.6886, -122.7914



163.9580, 34.5307, 78.0898

Rectangle

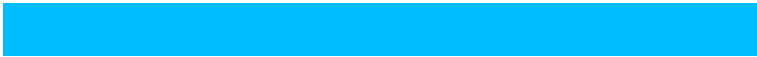
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



154.4600, -67.7678, 82.9116



146.9660, -72.4542, -0.8472



140.0130, 56.6886, -122.7914



153.2660, 50.1549, -33.5593

Sweetspot

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



154.4600, -67.7678, 82.9116



225.7740, -20.5946, 25.6312



99.5920, 16.4701, 131.0308



110.0700, -12.8525, 15.7246



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.



154.4600, -67.7678, 82.9116



151.3810, -74.6308, 90.8739



222.5520, -101.3371, 23.1949



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.



111.5400, 67.7678, -82.9116



104.2060, 74.3414, -91.3887



43.4480, 101.3371, -23.1949



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 154.4600, -67.7678, 82.9116 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 154.4600, -67.7678, 82.9116 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 154.4600, -67.7678, 82.9116

Background



This preview shows how black text looks on a background with the YUV color 154.4600, -67.7678, 82.9116.



This preview shows how white text looks on a background with the YUV color 154.4600, -67.7678, 82.9116.

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

154.4600, -67.7678, 82.9116

Protanopia

155.2480, -63.2263, 26.0925

Deuteranopia

153.4650, -75.6582, 46.9502



Tritanopia

163.4830, -15.5211, 78.5064

Trichromacy



Original Color

154.4600, -67.7678, 82.9116

Protanomaly

154.6250, -64.8911, 46.8099

Deuteranomaly

153.9380, -72.9334, 59.6904

Tritanomaly

160.1570, -34.5874, 80.5463

Monochromacy



Original Color

154.4600, -67.7678, 82.9116

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0690, -24.6840, 30.6345

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.4600, -67.7678, 82.9116 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, 133, 17)` looks like.

```
.text, #text, p{  
  color:rgb(249, 133, 17)  
}
```

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, 133, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 133, 17) }
```

Border

The CSS property to change the border of an element to YUV 154.4600, -67.7678, 82.9116 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, 133, 17) }
```


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

```
.border{ border-color:rgb(249, 133, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 133, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 133, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 133, 17);  
box-shadow:4px 4px 4px 4px rgb(249, 133,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 154.4600, -67.7678, 82.9116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 133, 17) }
```

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

```
.background{ background-color: rgb(249,  
133, 17) }
```

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