

Converting Colors

YUV(159.9720, -54.2162,
76.3236)

Have a look what the booklet for
YUV(159.9720, -54.2162, 76.3236)
contains.

YUV(159.9720, -54.2162, 76.3236)	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(159.9720, -54.2162,
76.3236)**

Conversions

Conversions Part 1

Format	Color
Hex	F78932
RGB	247, 137, 50
RGB Percent	97%, 54%, 20%
CMY	0.0314, 0.4627, 0.8039
CMYK	0.00, 0.45, 0.80, 0.03
HSL	26°, 92%, 58%
HSV	26°, 80%, 97%
XYZ	47.8792, 37.8958, 7.8087
YIQ	159.9720, 93.4870, -3.7370

Conversions

Conversions Part 2

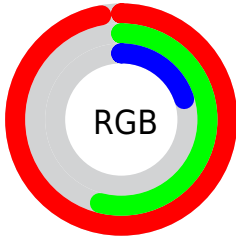
Format	Color
R_{YB}	247, 206, 50
Decimal	16222514
CIE _{Lab}	67.94, 36.01, 61.64
CIE _{LCh}	68, 71.385, 59.704
Yxy	37.8958, 0.5116, 0.4049
Android (android.graphics.Color)	4294412594 (0xFFFF78932)
YUV	159.9720, -54.2162, 76.3236
Hunter-Lab	61.5595, 31.1027, 35.5708

Details

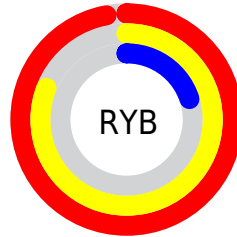
The YUV color **159.9720, -54.2162, 76.3236** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **137.0280, 54.2162, -76.3236**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.1040, -47.8723, 48.1438**, and **104.9110, -51.7211, 69.3611** is the 20% darker color. If you saturate the color by 10%, you get **148.9040, -61.0847, 86.0302**, and if you desaturate by 10%, it is **171.0400, -47.3477, 66.6169**.

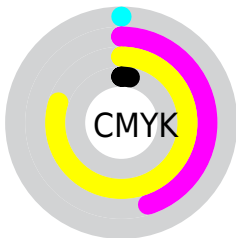
Distribution



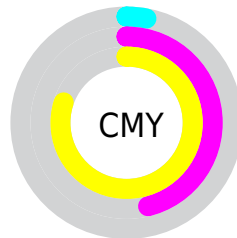
- Red (97%)
- Green (54%)
- Blue (20%)



- Red (97%)
- Yellow (81%)
- Blue (20%)



- Cyan (0%)
- Magenta (45%)
- Yellow (80%)
- Black (3%)



- Cyan (3%)
- Magenta (46%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.9720, -54.2162, 76.3236 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 159.9720, -54.2162, 76.3236 by changing the saturation by 10% instead.

159.9720,
-54.2162, 76.3236

159.9720,
-54.2162, 76.3236

255.0000, 0.0000,
0.0000

131.7220,
-55.0789, 73.0348

200.1040,
-47.8723, 48.1438

104.9110,
-51.7211, 69.3611

220.0910,
-44.9079, 30.6152

81.8530, -40.3535,
63.2729

239.7190,
-40.7805, 13.4014

57.9090, -28.5491,
57.0848

246.9060,
-31.0127, 7.0984

32.8020, -16.1714,
53.6706

250.2120,
-18.3455, 4.1991

19.4350, -9.5815,
39.9605

253.5180, -5.6784,

12.0740, -5.4595,

1.2997

24.4911

■ 0.0000, 0.0000,
0.0000

■ 159.9720,
-54.2162, 76.3236

■ 159.9720,
-54.2162, 76.3236

■ 148.9040,
-61.0847, 86.0302

■ 171.0400,
-47.3477, 66.6169

■ 137.9500,
-67.5163, 95.6369


■ 181.9940,
-40.9160, 57.0103


■ 137.8360,
-67.9531, 95.7368


■ 192.4750,
-33.7582, 47.8184

■ 203.5430,
-26.8897, 38.1118

■ 214.6110,
-20.0212, 28.4052

 225.5650,
-13.5895, 18.7985

 236.6330, -6.7211,
9.0919

 247.1140, 0.4368,
-0.1000

 252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



152.8990, -23.1212, 89.5426



159.9720, -54.2162, 76.3236



153.9970, -75.9205, 37.7136

Triad

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



159.9720, -54.2162, 76.3236



133.0470, 14.7668, -116.6822



164.9710, 44.3843, -2.6056

Complementary

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



159.9720, -54.2162, 76.3236



137.0280, 54.2162, -76.3236

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.



130.6210, 61.3188, -114.5546



159.9720, -54.2162, 76.3236



140.4570, 43.1587, -123.1808

Square

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



159.9720, -54.2162, 76.3236



123.1750, -12.9043, -108.0245



139.4260, 56.9780, -122.2766



168.6590, 31.2271, 64.3201

Rectangle

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



159.9720, -54.2162, 76.3236



151.7200, -65.9240, 4.6306



139.4260, 56.9780, -122.2766



157.6960, 47.9709, -33.0594

Sweetspot

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



159.9720, -54.2162, 76.3236



228.0880, -16.8054, 23.6018



121.6710, 19.8822, 109.9135



111.4550, -10.0843, 14.5100



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.



159.9720, -54.2162, 76.3236



146.6510, -67.3689, 95.0221



216.9110, -82.2871, 26.3881



117.1100, -3.5052, 4.2885



103.7480, -51.1478, 72.1350



32.9030, -16.2212, 22.8871

Inverse Universe

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



137.0280, 54.2162, -76.3236



118.3490, 67.3689, -95.0221



80.0890, 82.2871, -26.3881



115.4770, 3.2158, -4.8033



82.2520, 51.1478, -72.1350



26.0970, 16.2212, -22.8871

Previews

White Background



This preview shows how the YUV color 159.9720, -54.2162, 76.3236 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 159.9720, -54.2162, 76.3236 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 159.9720, -54.2162, 76.3236

Background



This preview shows how black text looks on a background with the YUV color 159.9720, -54.2162, 76.3236.



This preview shows how white text looks on a background with the YUV color 159.9720, -54.2162, 76.3236.

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

159.9720, -54.2162, 76.3236

Protanopia

159.6680, -50.1223, 23.0932

Deuteranopia

160.0250, -58.1863, 42.9511



Tritanopia

165.8030, -14.1999, 74.7178

Trichromacy



Original Color

159.9720, -54.2162, 76.3236

Protanomaly

159.4470, -51.4924, 42.5810

Deuteranomaly

159.8570, -56.6245, 55.3764

Tritanomaly

163.6170, -28.8982, 75.7579

Monochromacy



Original Color

159.9720, -54.2162, 76.3236

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.3120, -19.8738, 27.7904

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.9720, -54.2162, 76.3236 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(247, 137, 50)` looks like.

```
.text, #text, p{  
    color:rgb(247, 137, 50)  
}
```

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(247, 137, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 137, 50) }
```

Border

The CSS property to change the border of an element to YUV 159.9720, -54.2162, 76.3236 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(247, 137, 50) }
```


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

```
.border{ border-color:rgb(247, 137, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 137, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 137, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 137, 50);  
box-shadow:4px 4px 4px 4px rgb(247, 137,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 159.9720, -54.2162, 76.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 137, 50) }
```

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

```
.background{ background-color: rgb(247,  
137, 50) }
```

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