

Converting Colors

YUV(168.5370, -34.2817,
75.8281)

Have a look what the booklet for
YUV(168.5370, -34.2817, 75.8281)
contains.

YUV(168.5370, -34.2817, 75.8281)	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(168.5370, -34.2817,
75.8281)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8A63
RGB	255, 138, 99
RGB Percent	100%, 54%, 39%
CMY	0.0000, 0.4588, 0.6118
CMYK	0.00, 0.46, 0.61, 0.00
HSL	15°, 100%, 69%
HSV	15°, 61%, 100%
XYZ	52.5806, 40.3378, 16.8191
YIQ	168.5370, 82.2510, 12.6750

Conversions

Conversions Part 2

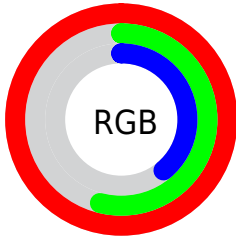
Format	Color
R_{YB}	255, 151, 99
Decimal	16747107
CIE _{Lab}	69.71, 41.02, 40.46
CIE _{LCh}	70, 57.618, 44.611
Yxy	40.3378, 0.4791, 0.3676
Android (android.graphics.Color)	4294937187 (0xFFFF8A63)
YUV	168.5370, -34.2817, 75.8281
Hunter-Lab	63.5121, 36.6312, 28.7575

Details

The YUV color **168.5370, -34.2817, 75.8281** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **185.4630, 34.2817, -75.8281**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.7500, -27.4847, 42.3152**, and **114.0030, -31.0605, 69.2804** is the 20% darker color. If you saturate the color by 10%, you get **154.4200, -40.1401, 88.2087**, and if you desaturate by 10%, it is **182.5400, -28.8602, 63.5474**.

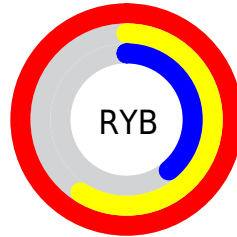
Distribution



Red (100%)

Green (54%)

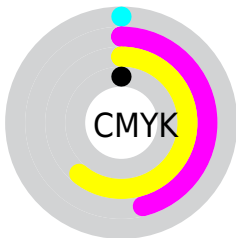
Blue (39%)



Red (100%)

Yellow (59%)

Blue (39%)

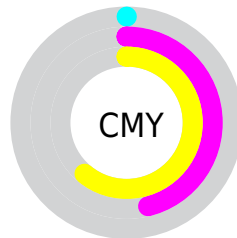


Cyan (0%)

Magenta (46%)

Yellow (61%)

Black (0%)



Cyan (0%)

Magenta (46%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.5370, -34.2817, 75.8281 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 168.5370, -34.2817, 75.8281 by changing the saturation by 10% instead.

168.5370,
-34.2817, 75.8281

168.5370,
-34.2817, 75.8281

255.0000, 0.0000,
0.0000

140.5690,
-32.8185, 73.1690

206.7500,
-27.4847, 42.3152

114.0030,
-31.0605, 69.2804

226.2640,
-23.7942, 25.2015

87.1490, -29.1605,
66.5213

246.3650,
-20.3929, 7.5729

60.1810, -27.6972,
63.8623

252.6060, -9.1728,
2.0995

31.0960, -15.3303,
63.9368

22.4250, -11.0555,
46.1083

15.1780, -6.4968,

30.5389

■ 0.0000, 0.0000,
0.0000

■ 168.5370,
-34.2817, 75.8281

■ 168.5370,
-34.2817, 75.8281

■ 154.4200,
-40.1401, 88.2087

■ 182.5400,
-28.8602, 63.5474

■ 140.4170,
-45.5616, 100.4893

■ 196.6570,
-23.0019, 51.1668

■ 126.3000,
-51.4199, 112.8699

■ 210.7740,
-17.1436, 38.7862

■ 113.8130,
-56.1098, 123.8210

■ 224.7770,
-11.7221, 26.5056

■ 239.4810, -6.1531,
13.6102

253.4840, -0.7316,
1.3295

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



166.3780, -9.5534, 77.7215



168.5370, -34.2817, 75.8281



166.6480, -49.6195, 48.5437

Triad

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



168.5370, -34.2817, 75.8281



129.9520, 5.4467, -113.9679



164.1750, 44.7767, -35.2335

Complementary

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



168.5370, -34.2817, 75.8281



185.4630, 34.2817, -75.8281

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.



137.0780, 58.1355, -120.2174



168.5370, -34.2817, 75.8281



137.2820, 28.4550, -120.3963

Square

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



168.5370, -34.2817, 75.8281



155.5280, -31.3193, -34.6661



140.9930, 50.2895, -123.6509



175.2260, 34.3986, 26.9888

Rectangle

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



168.5370, -34.2817, 75.8281



163.9240, -51.7275, 24.6227



140.9930, 50.2895, -123.6509



154.8400, 49.3789, -64.7577

Sweetspot

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



168.5370, -34.2817, 75.8281



229.7980, -10.2534, 22.1022



158.9820, 28.1099, 84.2078



111.7800, -6.3005, 14.2249



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.



168.5370, -34.2817, 75.8281



151.6160, -40.7297, 90.6678



212.5620, -55.9861, 37.2181



120.6480, -2.7845, 6.4477



85.2850, -42.0455, 92.7121



28.5280, -14.0643, 31.1089

Inverse Universe

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



185.4630, 34.2817, -75.8281



171.7970, 41.0191, -90.1530



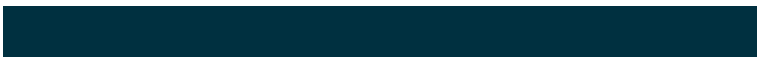
139.6770, 56.8542, -35.6737



121.7650, 3.0739, -5.9329



105.7150, 42.0455, -92.7121



35.4720, 14.0643, -31.1089

Previews

White Background



This preview shows how the YUV color 168.5370, -34.2817, 75.8281 looks on a white background.

Color Contrast Check

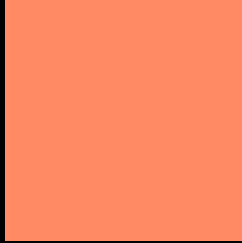
Large Text (above 18pt) WCAG AA × Fail

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 168.5370, -34.2817, 75.8281 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 168.5370, -34.2817, 75.8281

Background



This preview shows how black text looks on a background with the YUV color 168.5370, -34.2817, 75.8281.



This preview shows how white text looks on a background with the YUV color 168.5370, -34.2817, 75.8281.

75.8281.

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

168.5370, -34.2817, 75.8281

Protanopia

168.6450, -28.4190, 15.2203

Deuteranopia

168.8880, -36.9198, 35.1782



Tritanopia

171.2050, -13.9051, 73.4882

Trichromacy



Original Color

168.5370, -34.2817, 75.8281

Protanomaly

168.6200, -30.3787, 37.1673

Deuteranomaly

168.9160, -35.9476, 50.0627

Tritanomaly

169.9680, -21.1832, 74.5731

Monochromacy



Original Color

168.5370, -34.2817, 75.8281

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.9620, -12.3063, 27.2203

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.5370, -34.2817, 75.8281 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(255, 138, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 99)  
}
```

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(255, 138, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 99) }
```

Border

The CSS property to change the border of an element to YUV 168.5370, -34.2817, 75.8281 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(255, 138, 99) }
```


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

```
.border{ border-color:rgb(255, 138, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 138, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 168.5370, -34.2817, 75.8281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 99) }
```

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

```
.background{ background-color: rgb(255,  
138, 99) }
```

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