

Converting Colors

YUV(167.7110, -34.8605,
74.7985)

Have a look what the booklet for
YUV(167.7110, -34.8605, 74.7985)
contains.

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Color

**YUV(167.7110, -34.8605,
74.7985)**

Conversions

Conversions Part 1

Format	Color
Hex	FD8A61
RGB	253, 138, 97
RGB Percent	99%, 54%, 38%
CMY	0.0078, 0.4588, 0.6196
CMYK	0.00, 0.45, 0.62, 0.01
HSL	16°, 98%, 69%
HSV	16°, 62%, 99%
XYZ	51.7542, 39.9227, 16.2874
YIQ	167.7110, 81.7010, 11.6290

Conversions

Conversions Part 2

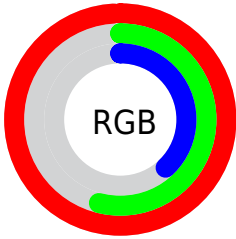
Format	Color
R_{YB}	253, 153, 97
Decimal	16616033
CIE _{Lab}	69.41, 40.13, 41.10
CIE _{LCh}	69, 57.440, 45.685
Yxy	39.9227, 0.4794, 0.3698
Android (android.graphics.Color)	4294806113 (0xFFFD8A61)
YUV	167.7110, -34.8605, 74.7985
Hunter-Lab	63.1844, 35.6362, 28.9456

Details

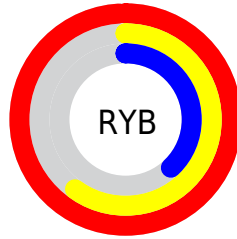
The YUV color **167.7110, -34.8605, 74.7985** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **182.2890, 34.8605, -74.7985**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.5220, -28.3583, 42.5152**, and **113.1770, -31.6393, 68.2508** is the 20% darker color. If you saturate the color by 10%, you get **153.7080, -40.2820, 87.0791**, and if you desaturate by 10%, it is **181.7140, -29.4390, 62.5178**.

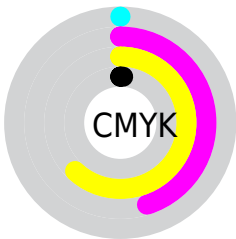
Distribution



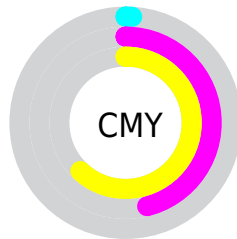
- Red (99%)
- Green (54%)
- Blue (38%)



- Red (99%)
- Yellow (60%)
- Blue (38%)



- Cyan (0%)
- Magenta (45%)
- Yellow (62%)
- Black (1%)



- Cyan (1%)
- Magenta (46%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.7110, -34.8605, 74.7985 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 167.7110, -34.8605, 74.7985 by changing the saturation by 10% instead.

167.7110,
-34.8605, 74.7985

167.7110,
-34.8605, 74.7985

255.0000, 0.0000,
0.0000

140.4440,
-33.2499, 71.5246

206.5220,
-28.3583, 42.5152

113.1770,
-31.6393, 68.2508

225.9220,
-25.1045, 25.5014

86.3230, -29.7392,
65.4917

246.1370,
-21.2665, 7.7729

59.2410, -28.7128,
62.9326

252.2640,
-10.4832, 2.3995

31.6720, -15.6143,
61.6777

21.8270, -10.7607,
44.8787

14.5800, -6.2019,

29.3093

■ 0.0000, 0.0000,
0.0000

■ 167.7110,
-34.8605, 74.7985

■ 167.7110,
-34.8605, 74.7985

■ 153.7080,
-40.2820, 87.0791

■ 181.7140,
-29.4390, 62.5178

■ 140.1780,
-46.4298, 98.9449

■ 195.2440,
-23.2913, 50.6520

■ 126.1750,
-51.8513, 111.2255

■ 209.2470,
-17.8698, 38.3714

■ 114.3890,
-56.3938, 121.5618

■ 223.2500,
-12.4482, 26.0907

■ 236.7800, -6.3005,
14.2249

250.7830, -0.8790,
1.9443

254.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



165.4490, -10.5744, 78.5362



167.7110, -34.8605, 74.7985



165.6370, -49.6140, 46.7994

Triad

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



167.7110, -34.8605, 74.7985



130.0660, 5.8835, -114.0679



164.7840, 44.4765, -32.2596

Complementary

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



167.7110, -34.8605, 74.7985



182.2890, 34.8605, -74.7985

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.



135.9040, 58.7143, -119.1878



167.7110, -34.8605, 74.7985



136.8090, 29.1812, -119.9815

Square

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



167.7110, -34.8605, 74.7985



154.1580, -30.1509, -36.0956



140.4060, 50.5788, -123.1361



174.4220, 33.8090, 29.4479

Rectangle

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



167.7110, -34.8605, 74.7985



163.0270, -51.2853, 22.7783



140.4060, 50.5788, -123.1361



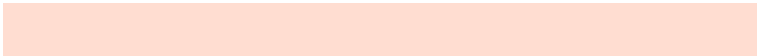
155.7480, 48.9312, -61.1690

Sweetspot

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



167.7110, -34.8605, 74.7985



229.7980, -10.2534, 22.1022



156.9820, 28.1099, 84.2078



112.3670, -6.5899, 13.7101



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.



167.7110, -34.8605, 74.7985



151.8610, -42.3295, 90.4529



212.3230, -56.8542, 35.6737



120.6480, -2.7845, 6.4477



86.4590, -42.6243, 91.6825



29.1150, -14.3537, 30.5941

Inverse Universe

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



182.2890, 34.8605, -74.7985



169.1390, 42.3295, -90.4529



137.6770, 56.8542, -35.6737



121.7650, 3.0739, -5.9329



104.5410, 42.6243, -91.6825



34.8850, 14.3537, -30.5941

Previews

White Background



This preview shows how the YUV color 167.7110, -34.8605, 74.7985 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 167.7110, -34.8605, 74.7985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

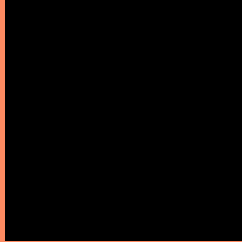
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 167.7110, -34.8605, 74.7985

Background



This preview shows how black text looks on a background with the YUV color 167.7110, -34.8605, 74.7985.



This preview shows how white text looks on a background with the YUV color 167.7110, -34.8605, 74.7985.

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

167.7110, -34.8605, 74.7985

Protanopia

167.5310, -28.8558, 15.3203

Deuteranopia

167.7740, -37.3566, 35.2782



Tritanopia

170.5040, -14.0525, 74.1030

Trichromacy



Original Color

167.7110, -34.8605, 74.7985

Protanomaly

167.5060, -30.8155, 37.2672

Deuteranomaly

167.5030, -36.2370, 49.5479

Tritanomaly

169.5550, -21.4726, 74.0583

Monochromacy



Original Color

167.7110, -34.8605, 74.7985

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.8480, -12.7431, 27.3203

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.7110, -34.8605, 74.7985 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(253, 138, 97)` looks like.

```
.text, #text, p{  
    color:rgb(253, 138, 97)  
}
```

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(253, 138, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 138, 97) }
```

Border

The CSS property to change the border of an element to YUV 167.7110, -34.8605, 74.7985 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(253, 138, 97) }
```


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

```
.border{ border-color:rgb(253, 138, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 138, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 138, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 138, 97);  
box-shadow:4px 4px 4px 4px rgb(253, 138,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 167.7110, -34.8605, 74.7985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 138, 97) }
```

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

```
.background{ background-color: rgb(253,  
138, 97) }
```

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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