

Converting Colors

YUV(168.5630, -30.3506,
74.9282)

Have a look what the booklet for
YUV(168.5630, -30.3506, 74.9282)
contains.

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Color

**YUV(168.5630, -30.3506,
74.9282)**

Conversions

Conversions Part 1

Format	Color
Hex	FE896B
RGB	254, 137, 107
RGB Percent	100%, 54%, 42%
CMY	0.0039, 0.4627, 0.5804
CMYK	0.00, 0.46, 0.58, 0.00
HSL	12°, 99%, 71%
HSV	12°, 58%, 100%
XYZ	52.4726, 40.0237, 18.8697
YIQ	168.5630, 79.3620, 15.4740

Conversions

Conversions Part 2

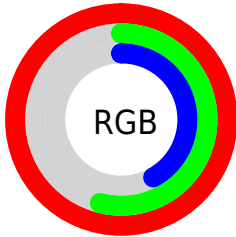
Format	Color
RYB	254, 145, 107
Decimal	16681323
CIELab	69.49, 41.70, 35.88
CIElCh	69, 55.013, 40.715
Yxy	40.0237, 0.4712, 0.3594
Android (android.graphics.Color)	4294871403 (0xFFFE896B)
YUV	168.5630, -30.3506, 74.9282
Hunter-Lab	63.2643, 37.3387, 26.6007

Details

The YUV color **168.5630, -30.3506, 74.9282** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **192.4370, 30.3506, -74.9282**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.0750, -23.7010, 42.0302**, and **113.7410, -26.9873, 69.5101** is the 20% darker color. If you saturate the color by 10%, you get **153.9730, -35.4827, 87.7237**, and if you desaturate by 10%, it is **183.1530, -25.2184, 62.1328**.

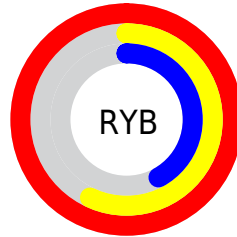
Distribution



Red (100%)

Green (54%)

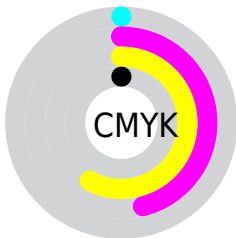
Blue (42%)



Red (100%)

Yellow (57%)

Blue (42%)

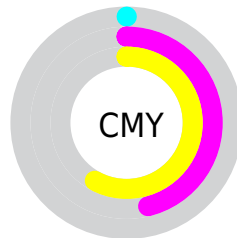


Cyan (0%)

Magenta (46%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (46%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.5630, -30.3506, 74.9282 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 168.5630, -30.3506, 74.9282 by changing the saturation by 10% instead.

168.5630,
-30.3506, 74.9282

168.5630,
-30.3506, 74.9282

255.0000, 0.0000,
0.0000

140.5950,
-28.8873, 72.2692

207.0750,
-23.7010, 42.0302

113.7410,
-26.9873, 69.5101

226.5890,
-20.0104, 24.9164

87.1750, -25.2293,
65.6215

246.8040,
-16.1724, 7.1879

60.1470, -22.7505,
63.8921

253.5180, -5.6784,
1.2997

31.0960, -15.3303,
63.9368

22.4250, -11.0555,
46.1083

15.1780, -6.4968,

30.5389

■ 0.0000, 0.0000,
0.0000

■ 168.5630,
-30.3506, 74.9282

■ 168.5630,
-30.3506, 74.9282

■ 153.9730,
-35.4827, 87.7237

■ 183.1530,
-25.2184, 62.1328

■ 139.2690,
-41.0516, 100.6191

■ 197.8570,
-19.6495, 49.2374

■ 124.0920,
-45.8944, 113.9293

■ 213.0340,
-14.8068, 35.9272

■ 109.3880,
-51.4633, 126.8247

■ 227.7380, -9.2378,
23.0318

■ 106.4700,
-52.4897, 129.3838

■ 242.3280, -4.1057,
10.2363

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



167.7630, -6.7852, 76.5068



168.5630, -30.3506, 74.9282



166.6960, -45.6991, 51.1326

Triad

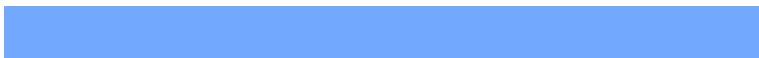
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



168.5630, -30.3506, 74.9282



139.7550, -2.3442, -88.3621



162.3590, 45.6720, -42.4108

Complementary

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



168.5630, -30.3506, 74.9282



192.4370, 30.3506, -74.9282

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



168.5630, -30.3506, 74.9282



135.7830, 25.2500, -119.0817

Square

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



168.5630, -30.3506, 74.9282



156.9420, -32.5094, -26.2591



139.2660, 46.2109, -122.1363



174.1110, 35.4413, 19.1967

Rectangle

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



168.5630, -30.3506, 74.9282



164.3420, -48.9756, 28.6411



139.2660, 46.2109, -122.1363



152.7250, 50.4216, -72.5498

Sweetspot

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



168.5630, -30.3506, 74.9282



229.5530, -8.6536, 22.3170



164.4050, 29.8733, 78.5748



112.7090, -5.2795, 13.4102



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.



168.5630, -30.3506, 74.9282



152.7560, -36.3617, 89.6680



211.4140, -51.4761, 37.3479



120.0610, -2.4951, 6.9625



80.0020, -39.4410, 97.3452



26.7670, -13.1961, 32.6533

Inverse Universe

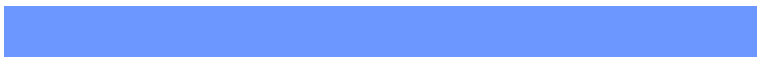
The Inverse Universe completely reimagines the original color for something new.



192.4370, 30.3506, -74.9282



181.2440, 36.3617, -89.6680



149.5860, 51.4761, -37.3479



122.3520, 2.7845, -6.4477



110.9980, 39.4410, -97.3452



37.2330, 13.1961, -32.6533

Previews

White Background



This preview shows how the YUV color 168.5630, -30.3506, 74.9282 looks on a white background.

Color Contrast Check

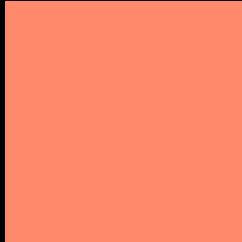
Large Text (above 18pt) WCAG AA × Fail

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 168.5630, -30.3506, 74.9282 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 168.5630, -30.3506, 74.9282 Background



This preview shows how black text looks on a background with the YUV color 168.5630, -30.3506, 74.9282.



This preview shows how white text looks on a background with the YUV color 168.5630, -30.3506,

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

168.5630, -30.3506, 74.9282

Protanopia

168.1870, -23.7562, 12.9910

Deuteranopia

168.3160, -32.6938, 33.0489



Tritanopia

170.5040, -14.0525, 74.1030

Trichromacy



Original Color

168.5630, -30.3506, 74.9282

Protanomaly

168.3470, -26.3001, 35.6527

Deuteranomaly

168.3440, -31.7216, 47.9333

Tritanomaly

169.6090, -20.0202, 74.8879

Monochromacy



Original Color

168.5630, -30.3506, 74.9282

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.6030, -11.1433, 27.5352

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.5630, -30.3506, 74.9282 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(254, 137, 107)` looks like.

```
.text, #text, p{  
    color:rgb(254, 137, 107)  
}
```

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(254, 137, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 137, 107) }
```

Border

The CSS property to change the border of an element to YUV 168.5630, -30.3506, 74.9282 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(254, 137, 107) }
```


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

```
.border{ border-color:rgb(254, 137, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 137, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 137, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 137, 107);  
box-shadow:4px 4px 4px 4px rgb(254, 137,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 168.5630, -30.3506, 74.9282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 137, 107) }
```

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

```
.background{ background-color: rgb(254,  
137, 107) }
```

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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