

Converting Colors

YUV(168.9760, -30.0612,
75.4430)

Have a look what the booklet for
YUV(168.9760, -30.0612, 75.4430)
contains.

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Color

**YUV(168.9760, -30.0612,
75.4430)**

Conversions

Conversions Part 1

Format	Color
Hex	FF896C
RGB	255, 137, 108
RGB Percent	100%, 54%, 42%
CMY	0.0000, 0.4627, 0.5765
CMYK	0.00, 0.46, 0.58, 0.00
HSL	12°, 100%, 71%
HSV	12°, 58%, 100%
XYZ	52.8924, 40.2340, 19.1656
YIQ	168.9760, 79.6370, 15.9970

Conversions

Conversions Part 2

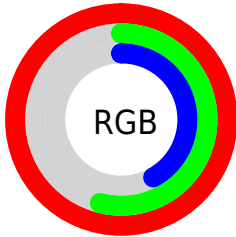
Format	Color
R_{YB}	255, 144, 108
Decimal	16746860
CIE _{Lab}	69.64, 42.14, 35.56
CIE _{LCh}	70, 55.144, 40.158
Yxy	40.2340, 0.4710, 0.3583
Android (android.graphics.Color)	4294936940 (0xFFFF896C)
YUV	168.9760, -30.0612, 75.4430
Hunter-Lab	63.4303, 37.8422, 26.4866

Details

The YUV color **168.9760, -30.0612, 75.4430** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **194.0240, 30.0612, -75.4430**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.1890, -23.2642, 41.9302**, and **113.8550, -26.5505, 69.4102** is the 20% darker color. If you saturate the color by 10%, you get **154.3860, -35.1933, 88.2385**, and if you desaturate by 10%, it is **183.6800, -24.4922, 62.5476**.

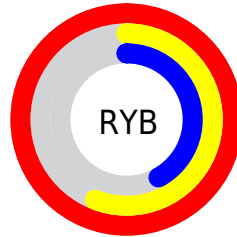
Distribution



Red (100%)

Green (54%)

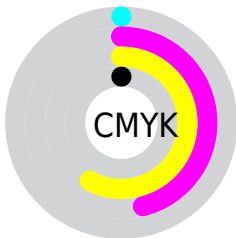
Blue (42%)



Red (100%)

Yellow (56%)

Blue (42%)

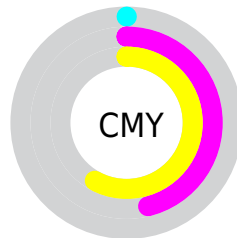


Cyan (0%)

Magenta (46%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (46%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YUV color 168.9760, -30.0612, 75.4430 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 168.9760, -30.0612, 75.4430 by changing the saturation by 10% instead.


 168.9760,
-30.0612, 75.4430


 168.9760,
-30.0612, 75.4430


255.0000, 0.0000,
0.0000


 141.0080,
-28.5979, 72.7840


 207.1890,
-23.2642, 41.9302


 113.8550,
-26.5505, 69.4102


 226.7030,
-19.5736, 24.8165


 87.5880, -24.9399,
66.1363

 247.5050,
-16.0250, 6.5731

 60.5600, -22.4611,
64.4069

 253.6320, -5.2416,
1.1997

 31.3950, -15.4777,
64.5516

 22.4250, -11.0555,
46.1083

 15.1780, -6.4968,

30.5389

■ 0.0000, 0.0000,
0.0000

■ 168.9760,
-30.0612, 75.4430

■ 168.9760,
-30.0612, 75.4430

■ 154.3860,
-35.1933, 88.2385

■ 183.6800,
-24.4922, 62.5476

■ 139.0950,
-40.4728, 101.6487

■ 198.8570,
-19.6495, 49.2374

■ 124.5050,
-45.6050, 114.4441

■ 213.5610,
-14.0806, 36.3420

■ 109.2140,
-50.8845, 127.8543

■ 228.7380, -9.2378,
23.0318

■ 105.5950,
-52.0583, 131.0282

■ 243.4420, -3.6689,
10.1364

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.



167.8770, -6.3484, 76.4069



168.9760, -30.0612, 75.4430



166.9950, -45.8465, 51.7474

Triad

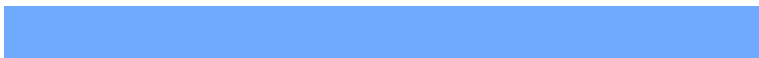
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



168.9760, -30.0612, 75.4430



141.1250, -3.5126, -86.9326



162.3480, 45.6774, -44.1552

Complementary

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



168.9760, -30.0612, 75.4430



194.0240, 30.0612, -75.4430

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.



137.6650, 57.8462, -120.7322



168.9760, -30.0612, 75.4430



135.6690, 24.8132, -118.9817

Square

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



168.9760, -30.0612, 75.4430



157.1270, -33.0936, -25.5444



139.8530, 45.9215, -122.6511



174.8120, 35.5887, 18.5819

Rectangle

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



168.9760, -30.0612, 75.4430



165.2280, -49.4124, 28.7410



139.8530, 45.9215, -122.6511



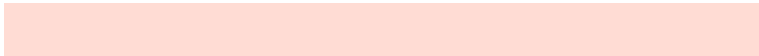
151.8280, 50.8638, -74.3942

Sweetspot

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



168.9760, -30.0612, 75.4430



229.5530, -8.6536, 22.3170



165.6330, 30.7469, 78.3749



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.



168.9760, -30.0612, 75.4430



152.1690, -36.0723, 90.1828



210.6530, -50.6079, 38.8923



120.0610, -2.4951, 6.9625



79.4150, -39.1516, 97.8600



26.7670, -13.1961, 32.6533

Inverse Universe

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



194.0240, 30.0612, -75.4430



181.8310, 36.0723, -90.1828



152.3470, 50.6079, -38.8923



122.3520, 2.7845, -6.4477



112.1720, 38.8622, -98.3748



37.2330, 13.1961, -32.6533

Previews

White Background



This preview shows how the YUV color 168.9760, -30.0612, 75.4430 looks on a white background.

Color Contrast Check

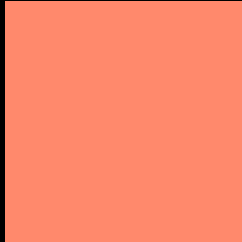
Large Text (above 18pt) WCAG AA × Fail

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 168.9760, -30.0612, 75.4430 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 168.9760, -30.0612, 75.4430

Background



This preview shows how black text looks on a background with the YUV color 168.9760, -30.0612, 75.4430.



This preview shows how white text looks on a background with the YUV color 168.9760, -30.0612,

75.4430.

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

168.9760, -30.0612, 75.4430

Protanopia

168.6000, -23.4668, 13.5058

Deuteranopia

169.3160, -32.6938, 33.0489



Tritanopia

171.2050, -13.9051, 73.4882

Trichromacy



Original Color

168.9760, -30.0612, 75.4430

Protanomaly

168.7600, -26.0107, 36.1675

Deuteranomaly

169.3440, -31.7216, 47.9333

Tritanomaly

170.3100, -19.8728, 74.2731

Monochromacy



Original Color

168.9760, -30.0612, 75.4430

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.7170, -10.7065, 27.4352

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.9760, -30.0612, 75.4430 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, 137, 108)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 108)  
}
```

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, 137, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 108) }
```

Border

The CSS property to change the border of an element to YUV 168.9760, -30.0612, 75.4430 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, 137, 108) }
```


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

```
.border{ border-color:rgb(255, 137, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 137, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 137, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 137, 108);  
box-shadow:4px 4px 4px 4px rgb(255, 137,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 168.9760, -30.0612, 75.4430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 137, 108) }
```

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

```
.background{ background-color: rgb(255,  
137, 108) }
```

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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