

Converting Colors

YUV(164.8840, -30.5088,
79.0317)

Have a look what the booklet for
YUV(164.8840, -30.5088, 79.0317)
contains.

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Color

**YUV(164.8840, -30.5088,
79.0317)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8367
RGB	255, 131, 103
RGB Percent	100%, 51%, 40%
CMY	0.0000, 0.4863, 0.5961
CMYK	0.00, 0.49, 0.60, 0.00
HSL	11°, 100%, 70%
HSV	11°, 60%, 100%
XYZ	51.8045, 38.4719, 17.5274
YIQ	164.8840, 82.8920, 17.5800

Conversions

Conversions Part 2

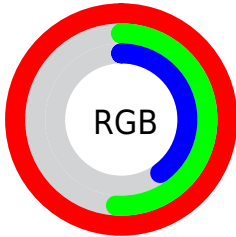
Format	Color
R _Y B	255, 137, 103
Decimal	16745319
CIE Lab	68.37, 44.77, 36.66
CIE LCh	68, 57.871, 39.312
Yxy	38.4719, 0.4805, 0.3569
Android (android.graphics.Color)	4294935399 (0xFFFF8367)
YUV	164.8840, -30.5088, 79.0317
Hunter-Lab	62.0257, 40.5400, 26.6637

Details

The YUV color **164.8840, -30.5088, 79.0317** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **193.1160, 30.5088, -79.0317**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.0970, -23.7118, 45.5189**, and **109.7630, -26.9982, 72.9988** is the 20% darker color. If you saturate the color by 10%, you get **149.7070, -35.3516, 92.3420**, and if you desaturate by 10%, it is **180.1750, -25.2293, 65.6215**.

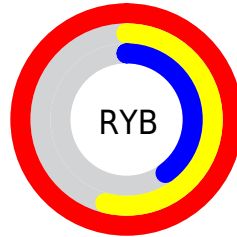
Distribution



Red (100%)

Green (51%)

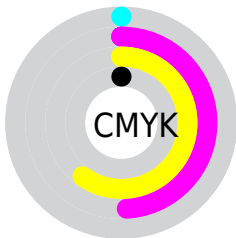
Blue (40%)



Red (100%)

Yellow (54%)

Blue (40%)

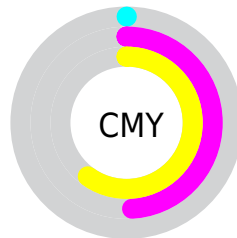


Cyan (0%)

Magenta (49%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.8840, -30.5088, 79.0317 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 164.8840, -30.5088, 79.0317 by changing the saturation by 10% instead.

164.8840,
-30.5088, 79.0317

164.8840,
-30.5088, 79.0317

255.0000, 0.0000,
0.0000

137.0300,
-28.6088, 76.2727

203.0970,
-23.7118, 45.5189

109.7630,
-26.9982, 72.9988

222.6110,
-20.0212, 28.4052

83.0230, -24.6613,
70.1398

242.7120,
-16.6200, 10.7766

54.5220, -21.4563,
68.8252

253.0620, -7.4256,
1.6996

30.7970, -15.1829,
63.3220

22.1260, -10.9081,
45.4935

14.5800, -6.2019,

29.3093

■ 0.0000, 0.0000,
0.0000

■ 164.8840,
-30.5088, 79.0317

■ 164.8840,
-30.5088, 79.0317

■ 149.7070,
-35.3516, 92.3420

■ 180.1750,
-25.2293, 65.6215

■ 134.4160,
-40.6311, 105.7522

■ 195.3520,
-20.3865, 52.3113

■ 119.7120,
-46.2000, 118.6476

■ 209.9420,
-15.2544, 39.5159

■ 104.5350,
-51.0428, 131.9578

■ 225.2330, -9.9749,
26.1057

■ 103.8340,
-51.1902, 132.5726

■ 240.5240, -4.6953,
12.6955

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.



164.0130, -5.9224, 79.7956



164.8840, -30.5088, 79.0317



163.4360, -48.0359, 53.9916

Triad

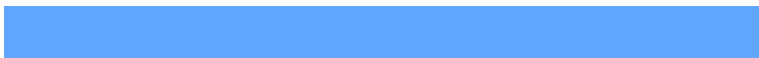
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



164.8840, -30.5088, 79.0317



131.8030, -1.8749, -98.9282



156.4010, 48.6093, -51.2177

Complementary

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



164.8840, -30.5088, 79.0317



193.1160, 30.5088, -79.0317

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



164.8840, -30.5088, 79.0317



134.0390, 23.6448, -117.5522

Square

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



164.8840, -30.5088, 79.0317



153.1440, -35.5670, -25.5593



137.9780, 46.3528, -121.0067



171.0830, 37.9201, 17.4672

Rectangle

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



164.8840, -30.5088, 79.0317



161.1420, -52.3280, 30.5705



137.9780, 46.3528, -121.0067



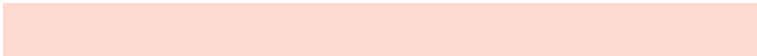
140.7870, 56.3070, -93.6522

Sweetspot

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



164.8840, -30.5088, 79.0317



228.0370, -9.3852, 23.6466



162.5840, 31.7571, 81.0488



111.1930, -6.0111, 14.7397



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.



164.8840, -30.5088, 79.0317



145.9740, -36.9622, 95.6158



209.4960, -52.5025, 39.9070



120.0610, -2.4951, 6.9625



77.6540, -38.2834, 99.4044



26.1800, -12.9067, 33.1681

Inverse Universe

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



193.1160, 30.5088, -79.0317



180.0260, 36.9622, -95.6158



148.5040, 52.5025, -39.9070



122.3520, 2.7845, -6.4477



113.3460, 38.2834, -99.4044



37.8200, 12.9067, -33.1681

Previews

White Background



This preview shows how the YUV color 164.8840, -30.5088, 79.0317 looks on a white background.

Color Contrast Check

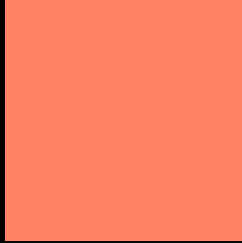
Large Text (above 18pt) WCAG AA × Fail

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 164.8840, -30.5088, 79.0317 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 164.8840, -30.5088, 79.0317

Background



This preview shows how black text looks on a background with the YUV color 164.8840, -30.5088, 79.0317.



This preview shows how white text looks on a background with the YUV color 164.8840, -30.5088, 79.0317.

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

164.8840, -30.5088, 79.0317

Protanopia

165.1870, -23.7562, 12.9910

Deuteranopia

165.2020, -33.1306, 33.1488



Tritanopia

166.8850, -15.2263, 77.2769

Trichromacy



Original Color

164.8840, -30.5088, 79.0317

Protanomaly

165.0590, -26.1581, 36.7823

Deuteranomaly

165.2410, -32.1638, 49.7776

Tritanomaly

166.1040, -20.7573, 77.9618

Monochromacy



Original Color

164.8840, -30.5088, 79.0317

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.2010, -11.4381, 28.7647

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.8840, -30.5088, 79.0317 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, 131, 103)` looks like.

```
.text, #text, p{  
    color:rgb(255, 131, 103)  
}
```

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, 131, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 131, 103) }
```

Border

The CSS property to change the border of an element to YUV 164.8840, -30.5088, 79.0317 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, 131, 103) }
```


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

```
.border{ border-color:rgb(255, 131, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 131, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 131, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 131, 103);  
box-shadow:4px 4px 4px 4px rgb(255, 131,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 164.8840, -30.5088, 79.0317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 131, 103) }
```

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

```
.background{ background-color: rgb(255,  
131, 103) }
```

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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