

# Converting Colors

YUV(167.6480, -42.7175,  
74.8537)

Have a look what the booklet for  
YUV(167.6480, -42.7175, 74.8537)  
contains.

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# Color

**YUV(167.6480, -42.7175,  
74.8537)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD8D51
RGB	253, 141, 81
RGB Percent	99%, 55%, 32%
CMY	0.0078, 0.4471, 0.6824
CMYK	0.00, 0.44, 0.68, 0.01
HSL	21°, 98%, 65%
HSV	21°, 68%, 99%
XYZ	51.5181, 40.5265, 12.8917
YIQ	167.6480, 86.0120, 5.0840

# Conversions

## Conversions Part 2

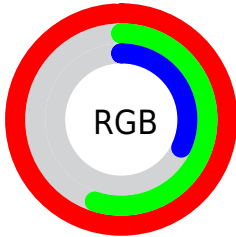
Format	Color
R <sub>Y</sub> B	253, 173, 81
Decimal	16616785
CIE Lab	69.84, 37.66, 49.80
CIE LCh	70, 62.434, 52.902
Yxy	40.5265, 0.4909, 0.3862
Android (android.graphics.Color)	4294806865 (0xFFFD8D51)
YUV	167.6480, -42.7175, 74.8537
Hunter-Lab	63.6604, 33.0479, 32.5557

# Details

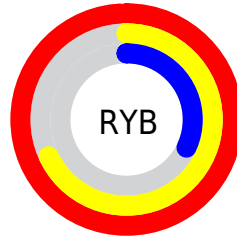
The YUV color **167.6480, -42.7175, 74.8537** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **166.3520, 42.7175, -74.8537**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.3450, -36.6521, 42.6704**, and **112.8860, -40.3698, 68.5060** is the 20% darker color. If you saturate the color by 10%, you get **155.4060, -49.0072, 85.5899**, and if you desaturate by 10%, it is **179.8900, -36.4278, 64.1175**.

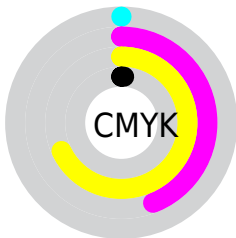
# Distribution



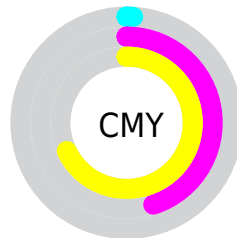
- Red (99%)
- Green (55%)
- Blue (32%)



- Red (99%)
- Yellow (68%)
- Blue (32%)



- Cyan (0%)
- Magenta (44%)
- Yellow (68%)
- Black (1%)



- Cyan (1%)
- Magenta (45%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 167.6480, -42.7175, 74.8537 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 167.6480, -42.7175, 74.8537 by changing the saturation by 10% instead.



167.6480,  
-42.7175, 74.8537

167.6480,  
-42.7175, 74.8537

255.0000, 0.0000,  
0.0000

140.2670,  
-41.5436, 71.6798

206.3450,  
-36.6521, 42.6704

112.8860,  
-40.3698, 68.5060

225.8590,  
-32.9615, 25.5567

85.7500, -40.7957,  
65.1173

246.0740,  
-29.1235, 7.8281

62.0620, -30.5966,  
60.4586

250.4400,  
-17.4719, 3.9991

36.0690, -17.7820,  
56.9445

253.6320, -5.2416,  
1.1997

21.5280, -10.6133,  
44.2639

14.5800, -6.2019,

29.3093

■ 0.0000, 0.0000,  
0.0000

■ 167.6480,  
-42.7175, 74.8537

■ 167.6480,  
-42.7175, 74.8537

■ 155.4060,  
-49.0072, 85.5899

■ 179.8900,  
-36.4278, 64.1175

■ 142.4630,  
-55.4443, 96.9409

■ 192.8330,  
-29.9907, 52.7665

■ 130.2210,  
-61.7340, 107.6772

■ 205.0750,  
-23.7010, 42.0302

■ 127.3030,  
-62.7604, 110.2363

■ 217.9040,  
-17.7007, 30.7792

■ 230.2600,  
-10.9742, 19.9430

243.0890, -4.9739,  
8.6919

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.



162.6790, -16.1107, 80.9655



167.6480, -42.7175, 74.8537



164.7690, -56.5811, 41.4216

# Triad

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



167.6480, -42.7175, 74.8537



133.3090, 10.6937, -116.9120



168.1280, 42.8279, -16.7753

# Complementary

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



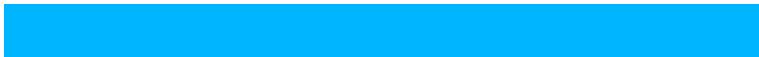
167.6480, -42.7175, 74.8537



166.3520, 42.7175, -74.8537

# 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.



135.3170, 59.0037, -118.6730



167.6480, -42.7175, 74.8537



140.5080, 35.7386, -123.2255

# Square

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



167.6480, -42.7175, 74.8537



150.0030, -25.1445, -55.2536



142.3610, 55.5310, -124.8506



175.6520, 31.7236, 45.0322



# Rectangle

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



167.6480, -42.7175, 74.8537



161.6470, -55.0420, 14.3416



142.3610, 55.5310, -124.8506



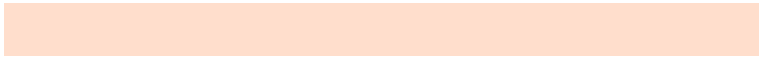
160.8640, 46.4090, -45.4847

# Sweetspot

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



167.6480, -42.7175, 74.8537



229.8150, -12.7268, 22.0872



145.5380, 24.8778, 94.2442



112.7260, -7.7529, 13.3953



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.



167.6480, -42.7175, 74.8537



151.3420, -51.9336, 90.9081



216.3690, -66.7369, 32.1254



121.2350, -3.0739, 5.9329



96.4380, -47.5439, 82.9309



32.0500, -15.8006, 28.0202



# Inverse Universe

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



166.3520, 42.7175, -74.8537



149.6580, 51.9336, -90.9081



117.6310, 66.7369, -32.1254



121.1780, 3.3632, -5.4181



95.1490, 47.2545, -83.4457



31.9500, 15.8006, -28.0202



# Previews

## White Background



This preview shows how the YUV color 167.6480, -42.7175, 74.8537 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 167.6480, -42.7175, 74.8537 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 167.6480, -42.7175, 74.8537

## Background



This preview shows how black text looks on a background with the YUV color 167.6480, -42.7175, 74.8537.



This preview shows how white text looks on a background with the YUV color 167.6480, -42.7175, 74.8537.



# 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

167.6480, -42.7175, 74.8537

### Protanopia

167.2620, -37.5972, 19.0642

### Deuteranopia

167.7330, -45.2244, 38.8222



## Tritanopia

171.9060, -13.7577, 72.8734

# Trichromacy



## Original Color

167.6480, -42.7175, 74.8537

## Protanomaly

167.2260, -39.5514, 39.2668

## Deuteranomaly

167.7500, -44.2467, 51.9622

## Tritanomaly

170.1590, -24.2354, 73.5286

# Monochromacy



## Original Color

167.6480, -42.7175, 74.8537

## Achromatopsia

168.0000, 0.0000, 0.0000

## Achromatomaly

167.7510, -15.6532, 27.4054

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 167.6480, -42.7175, 74.8537 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, 141, 81)` looks like.

```
.text, #text, p{  
    color:rgb(253, 141, 81)  
}
```

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, 141, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 141, 81) }
```

## Border

The CSS property to change the border of an element to YUV 167.6480, -42.7175, 74.8537 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, 141, 81) }
```



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

```
.border{ border-color:rgb(253, 141, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 141, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 141, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 141, 81);  
box-shadow:4px 4px 4px 4px rgb(253, 141,  
81) }
```

# Background

The CSS property to change the background color of an element to YUV 167.6480, -42.7175, 74.8537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 141, 81) }
```

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

```
.background{ background-color: rgb(253,  
141, 81) }
```

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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