

# Converting Colors

YUV(193.1690, -26.2123,  
54.2258)

Have a look what the booklet for  
YUV(193.1690, -26.2123, 54.2258)  
contains.

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# Color

**YUV(193.1690, -26.2123,  
54.2258)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFAC8C
RGB	255, 172, 140
RGB Percent	100%, 67%, 55%
CMY	0.0000, 0.3255, 0.4510
CMYK	0.00, 0.33, 0.45, 0.00
HSL	17°, 100%, 77%
HSV	17°, 45%, 100%
XYZ	60.7261, 52.6585, 31.7744
YIQ	193.1690, 59.7400, 7.6440

# Conversions

## Conversions Part 2

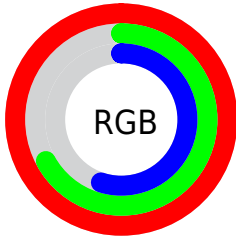
Format	Color
R <sub>Y</sub> B	255, 184, 140
Decimal	16755852
CIE Lab	77.67, 26.88, 28.85
CIE LCh	78, 39.428, 47.022
Yxy	52.6585, 0.4183, 0.3628
Android (android.graphics.Color)	4294945932 (0xFFFFAC8C)
YUV	193.1690, -26.2123, 54.2258
Hunter-Lab	72.5662, 22.3848, 24.8351

# Details

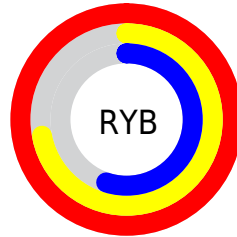
The YUV color **193.1690, -26.2123, 54.2258** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **201.8310, 26.2123, -54.2258**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.1970, -18.8311, 19.9982**, and **138.4180, -23.8701, 49.6224** is the 20% darker color. If you saturate the color by 10%, you get **179.7530, -31.9232, 65.9916**, and if you desaturate by 10%, it is **206.6990, -20.0646, 42.3600**.

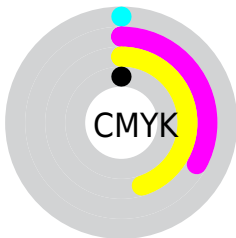
# Distribution



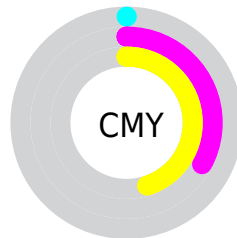
- Red (100%)
- Green (67%)
- Blue (55%)



- Red (100%)
- Yellow (72%)
- Blue (55%)



- Cyan (0%)
- Magenta (33%)
- Yellow (45%)
- Black (0%)




- Cyan (0%)
- Magenta (33%)
- Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 193.1690, -26.2123, 54.2258 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 193.1690, -26.2123, 54.2258 by changing the saturation by 10% instead.





 193.1690,  
-26.2123, 54.2258


 193.1690,  
-26.2123, 54.2258


255.0000, 0.0000,  
0.0000

 165.3860,  
-25.3333, 52.2815


 232.1970,  
-18.8311, 19.9982


 138.4180,  
-23.8701, 49.6224


 251.2380,  
-14.4143, 3.2993

 112.6350,  
-22.9911, 47.6781

 254.4300, -2.1840,  
0.4999

 87.2540, -21.8172,  
44.5042

 62.2860, -20.3540,  
41.8452

 38.3180, -18.8908,  
39.1861

 16.7440, -8.2548,

34.4275

■ 9.0840, -3.9854,  
18.3433

■ 0.0000, 0.0000,  
0.0000

■ 193.1690,  
-26.2123, 54.2258

■ 193.1690,  
-26.2123, 54.2258

■ 179.7530,  
-31.9232, 65.9916

■ 206.6990,  
-20.0646, 42.3600

■ 165.6360,  
-37.7815, 78.3722

■ 220.7020,  
-14.6431, 30.0793

■ 152.2200,  
-43.4925, 90.1381

■ 234.2320, -8.4954,  
18.2135

■ 138.1030,  
-49.3508, 102.5187

■ 248.2350, -3.0739,  
5.9329

■ 124.6870, 255.0000, 0.0000,  
-55.0617, 114.2845 0.0000

■ 117.9220,  
-58.1355, 120.2174

# Harmonies

## Analogous

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



192.1210, -9.9197, 55.1449



193.1690, -26.2123, 54.2258



190.5720, -34.2990, 34.5784

# Triad

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



193.1690, -26.2123, 54.2258



175.9850, -0.9786, -59.6228



191.1530, 31.4766, -15.9202

# Complementary

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



193.1690, -26.2123, 54.2258



201.8310, 26.2123, -54.2258

# 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.



180.2570, 36.8483, -58.9844



193.1690, -26.2123, 54.2258



167.1500, 22.1110, -92.2166

# Square

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



193.1690, -26.2123, 54.2258



182.4550, -20.4373, -24.9550



166.9550, 37.9832, -96.4305



196.6910, 22.3373, 22.1960



# Rectangle

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



193.1690, -26.2123, 54.2258



189.0490, -34.5342, 16.6200



166.9550, 37.9832, -96.4305



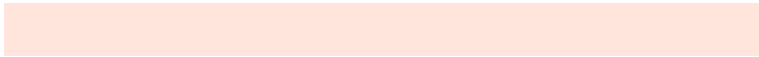
188.4070, 32.8303, -30.1749

# Sweetspot

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



193.1690, -26.2123, 54.2258



235.6340, -8.2006, 16.9840



183.9610, 19.7392, 62.3012



116.1000, -4.9793, 10.4363



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.



193.1690, -26.2123, 54.2258



181.1550, -31.6284, 64.7621



226.0410, -42.4182, 25.3970



120.6480, -2.7845, 6.4477



88.2200, -43.4925, 90.1381



29.7020, -14.6431, 30.0793



# Inverse Universe

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



201.8310, 26.2123, -54.2258



191.4320, 31.3390, -65.2769



168.9590, 42.4182, -25.3970



121.7650, 3.0739, -5.9329



102.7800, 43.4925, -90.1381



34.2980, 14.6431, -30.0793



# Previews

## White Background



This preview shows how the YUV color 193.1690, -26.2123, 54.2258 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 193.1690, -26.2123, 54.2258 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

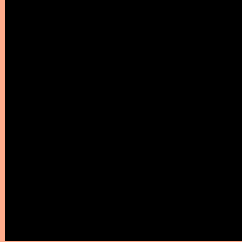
Any Text WCAG AA ✓ Pass

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 193.1690, -26.2123, 54.2258 Background



This preview shows how black text looks on a background with the YUV color 193.1690, -26.2123, 54.2258.



This preview shows how white text looks on a background with the YUV color 193.1690, -26.2123,



# 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

193.1690, -26.2123, 54.2258

### Protanopia

190.9850, -20.6986, 12.2912

### Deuteranopia

191.9120, -26.5786, 31.6492



## Tritanopia

195.3810, -7.5828, 52.2859

# Trichromacy



## Original Color

193.1690, -26.2123, 54.2258

## Protanomaly

191.9160, -22.6366, 27.2607

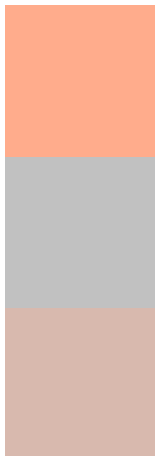
## Deuteranomaly

192.6680, -26.4583, 39.7562

## Tritanomaly

194.2580, -14.4242, 53.2707

# Monochromacy



## Original Color

193.1690, -26.2123, 54.2258

## Achromatopsia

193.0000, 0.0000, 0.0000

## Achromatomaly

193.0150, -9.3744, 20.1578

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 193.1690, -26.2123, 54.2258 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, 172, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 140)  
}
```

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, 172, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 140) }
```

## Border

The CSS property to change the border of an element to YUV 193.1690, -26.2123, 54.2258 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, 172, 140) }
```



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

```
.border{ border-color:rgb(255, 172, 140) }
```

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

Here you see how a box with a 4 pixel rgb(255, 172, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
140) }
```

# Background

The CSS property to change the background color of an element to YUV 193.1690, -26.2123, 54.2258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 140) }
```

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

```
.background{ background-color: rgb(255,  
172, 140) }
```

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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