

# Converting Colors

YUV(190.1350, -21.2656,  
54.2556)

Have a look what the booklet for  
YUV(190.1350, -21.2656, 54.2556)  
contains.

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# Color

**YUV(190.1350, -21.2656,  
54.2556)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FCA793
RGB	252, 167, 147
RGB Percent	99%, 65%, 58%
CMY	0.0118, 0.3451, 0.4235
CMYK	0.00, 0.34, 0.42, 0.01
HSL	11°, 95%, 78%
HSV	11°, 42%, 99%
XYZ	59.2301, 50.4395, 34.2178
YIQ	190.1350, 57.0800, 11.8000

# Conversions

## Conversions Part 2

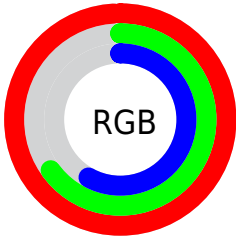
Format	Color
R <sub>Y</sub> B	252, 172, 147
Decimal	16557971
CIE Lab	76.34, 29.07, 23.23
CIE LCh	76, 37.207, 38.630
Yxy	50.4395, 0.4116, 0.3505
Android (android.graphics.Color)	4294748051 (0xFFFC A793)
YUV	190.1350, -21.2656, 54.2556
Hunter-Lab	71.0207, 24.5796, 21.1486

# Details

The YUV color **190.1350, -21.2656, 54.2556** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **208.8650, 21.2656, -54.2556**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.0600, -14.3266, 21.8724**, and **135.5690, -19.5075, 50.3670** is the 20% darker color. If you saturate the color by 10%, you get **175.5450, -26.3977, 67.0510**, and if you desaturate by 10%, it is **204.7250, -16.1334, 41.4602**.

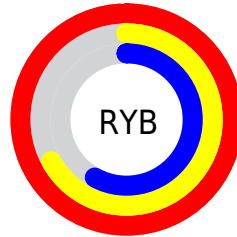
# Distribution



Red (99%)

Green (65%)

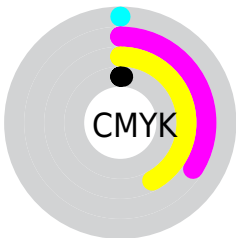
Blue (58%)



Red (99%)

Yellow (67%)

Blue (58%)

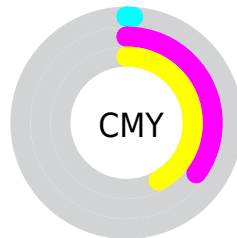


Cyan (0%)

Magenta (34%)

Yellow (42%)

Black (1%)



Cyan (1%)

Magenta (35%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 190.1350, -21.2656, 54.2556 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 190.1350, -21.2656, 54.2556 by changing the saturation by 10% instead.



190.1350,  
-21.2656, 54.2556

190.1350,  
-21.2656, 54.2556

255.0000, 0.0000,  
0.0000

162.3520,  
-20.3865, 52.3113

230.0600,  
-14.3266, 21.8724

135.5690,  
-19.5075, 50.3670

249.6880,  
-10.1992, 4.6586

109.4870,  
-18.4811, 47.8079

84.5190, -17.0179,  
45.1488

59.5510, -15.5546,  
42.4898

34.6540, -15.1124,  
40.6454

16.4450, -8.1074,

33.8127

■ 7.8880, -3.3958,  
15.8842

■ 0.0000, 0.0000,  
0.0000

■ 190.1350,  
-21.2656, 54.2556

■ 190.1350,  
-21.2656, 54.2556

■ 175.5450,  
-26.3977, 67.0510

■ 204.7250,  
-16.1334, 41.4602

■ 160.3680,  
-31.2404, 80.3613

■ 219.9020,  
-11.2907, 28.1499

■ 145.6640,  
-36.8094, 93.2567

■ 234.6060, -5.7218,  
15.2545

■ 130.4870,  
-41.6521, 106.5669

■ 249.7830, -0.8790,  
1.9443

■ 115.8970,  
-46.7842, 119.3623

254.1030, 0.4422,  
-1.8443

■ 103.5240,  
-51.0373, 130.2135

# Harmonies

## Analogous

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



191.7450, -6.2833, 55.4746



190.1350, -21.2656, 54.2556



188.4030, -31.2577, 39.1116

# Triad

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



190.1350, -21.2656, 54.2556



175.5800, -6.6949, -46.1127



186.0700, 33.9825, -26.3714

# Complementary

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



190.1350, -21.2656, 54.2556



208.8650, 21.2656, -54.2556

# 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.



175.7400, 37.5962, -65.5470



190.1350, -21.2656, 54.2556



168.1860, 14.2053, -76.4621

# Square

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



190.1350, -21.2656, 54.2556



181.1250, -23.2326, -15.0186



165.3920, 31.8517, -89.7978



192.1950, 24.5539, 11.2300



# Rectangle

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



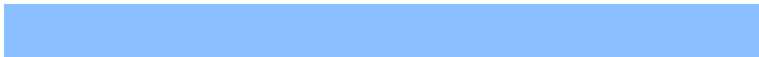
190.1350, -21.2656, 54.2556



186.4350, -33.2455, 23.2975



165.3920, 31.8517, -89.7978



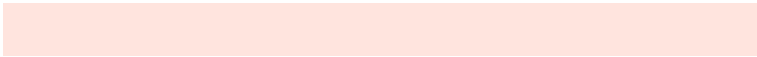
183.0360, 35.4783, -39.4966

# Sweetspot

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



190.1350, -21.2656, 54.2556



235.3890, -6.6008, 17.1988



188.1990, 22.0869, 55.9535



115.6270, -4.2531, 10.8511



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.



190.1350, -21.2656, 54.2556



180.0610, -25.6661, 65.7215



220.6590, -36.3139, 27.4861



117.6480, -2.7845, 6.4477



77.6430, -38.2780, 97.6601



25.2830, -12.4645, 31.3238

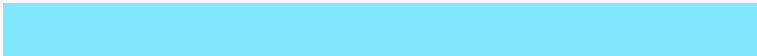


# Inverse Universe

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



208.8650, 21.2656, -54.2556



202.9390, 25.6661, -65.7215



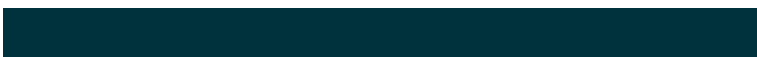
178.3410, 36.3139, -27.4861



119.9390, 2.4951, -6.9625



111.3570, 38.2780, -97.6601



36.3040, 12.1751, -31.8386



# Previews

## White Background



This preview shows how the YUV color 190.1350, -21.2656, 54.2556 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

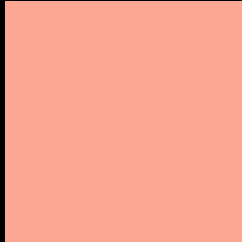
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 190.1350, -21.2656, 54.2556 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 190.1350, -21.2656, 54.2556 Background



This preview shows how black text looks on a background with the YUV color 190.1350, -21.2656, 54.2556.



This preview shows how white text looks on a background with the YUV color 190.1350, -21.2656, 54.2556.



# 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

190.1350, -21.2656, 54.2556

### Protanopia

187.7550, -15.1622, 9.8619

### Deuteranopia

189.0410, -22.2052, 28.9050



## Tritanopia

191.5770, -8.1725, 54.7450

# Trichromacy



## Original Color

190.1350, -21.2656, 54.2556

## Protanomaly

188.2840, -17.3950, 26.0609

## Deuteranomaly

189.5090, -21.9429, 38.1416

## Tritanomaly

190.7250, -12.6824, 54.6152

# Monochromacy



## Original Color

190.1350, -21.2656, 54.2556

## Achromatopsia

190.0000, 0.0000, 0.0000

## Achromatomaly

190.3570, -8.0640, 19.8579

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 190.1350, -21.2656, 54.2556 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(252, 167, 147)` looks like.

```
.text, #text, p{  
    color:rgb(252, 167, 147)  
}
```

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(252, 167, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 167, 147) }
```

## Border

The CSS property to change the border of an element to YUV 190.1350, -21.2656, 54.2556 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(252, 167, 147) }
```



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

```
.border{ border-color:rgb(252, 167, 147) }
```

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

Here you see how a box with a 4 pixel rgb(252, 167, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 167, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 167, 147);  
box-shadow:4px 4px 4px 4px rgb(252, 167,  
147) }
```

# Background

The CSS property to change the background color of an element to YUV 190.1350, -21.2656, 54.2556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 167, 147) }
```

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

```
.background{ background-color: rgb(252,  
167, 147) }
```

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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