

# Converting Colors

YUV(208.4940, -25.8795,  
40.7858)

Have a look what the booklet for  
YUV(208.4940, -25.8795, 40.7858)  
contains.

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# Color

**YUV(208.4940, -25.8795,  
40.7858)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC39C
RGB	255, 195, 156
RGB Percent	100%, 76%, 61%
CMY	0.0000, 0.2353, 0.3882
CMYK	0.00, 0.24, 0.39, 0.00
HSL	24°, 100%, 81%
HSV	24°, 39%, 100%
XYZ	66.7559, 62.6905, 40.0346
YIQ	208.4940, 48.2790, 0.5910

# Conversions

## Conversions Part 2

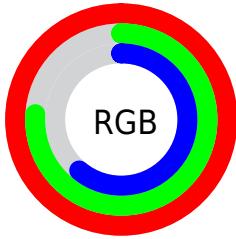
Format	Color
R <sub>Y</sub> B	255, 220, 156
Decimal	16761756
CIE Lab	83.28, 16.52, 27.89
CIE LCh	83, 32.415, 59.362
Yxy	62.6905, 0.3939, 0.3699
Android (android.graphics.Color)	4294951836 (0xFFFFC39C)
YUV	208.4940, -25.8795, 40.7858
Hunter-Lab	79.1773, 11.9363, 25.4452

# Details

The YUV color  $208.4940, -25.8795, 40.7858$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $202.5060, 25.8795, -40.7858$ , and the grayscale version is  $209.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $248.2230, -18.3509, 5.9434$ , and  $153.2270, -24.2689, 37.5119$  is the 20% darker color. If you saturate the color by 10%, you get  $196.8390, -32.4586, 51.0072$ , and if you desaturate by 10%, it is  $220.2630, -18.8637, 30.4643$ .

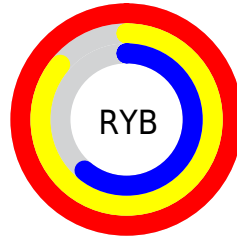
# Distribution



Red (100%)

Green (76%)

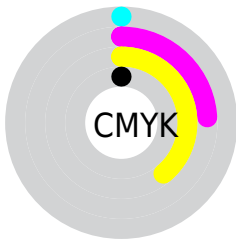
Blue (61%)



Red (100%)

Yellow (86%)

Blue (61%)

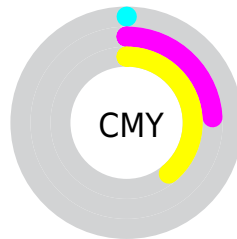


Cyan (0%)

Magenta (24%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 208.4940, -25.8795, 40.7858 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 208.4940, -25.8795, 40.7858 by changing the saturation by 10% instead.



 208.4940,  
-25.8795, 40.7858


 208.4940,  
-25.8795, 40.7858

255.0000, 0.0000,  
0.0000


 180.7110,  
-25.0005, 38.8415


 248.2230,  
-18.3509, 5.9434


 153.2270,  
-24.2689, 37.5119

 253.1760, -6.9888,  
1.5996

 127.4440,  
-23.3899, 35.5676

 101.7750,  
-22.0741, 33.5233

 76.9920, -21.1951,  
31.5790

 53.4970, -20.4580,  
28.5051

 31.7400, -15.6478,

25.6610

■ 11.0630, -5.4541,  
22.7467

■ 0.0000, 0.0000,  
0.0000

■ 208.4940,  
-25.8795, 40.7858

■ 208.4940,  
-25.8795, 40.7858

■ 196.8390,  
-32.4586, 51.0072

■ 220.2630,  
-18.8637, 30.4643

■ 184.4830,  
-39.1851, 61.8434

■ 232.5050,  
-12.5740, 19.7281

■ 172.8280,  
-45.7642, 72.0648

■ 244.2740, -5.5581,  
9.4067

■ 160.4720,  
-52.4907, 82.9011

255.0000, 0.0000,  
0.0000

■ 148.8170,  
-59.0698, 93.1225

■ 136.4610,  
-65.7963, 103.9587

■ 134.9450,  
-66.5279, 105.2882

# Harmonies

## Analogous

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



206.4200, -13.5181, 42.6047



208.4940, -25.8795, 40.7858



205.8630, -29.0195, 21.1681

# Triad

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



208.4940, -25.8795, 40.7858



193.8420, 5.9939, -55.9894



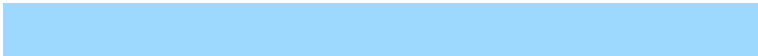
209.5590, 22.4024, 1.2638

# Complementary

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



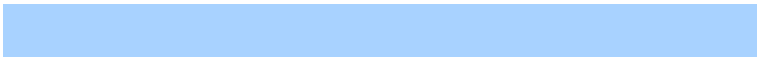
208.4940, -25.8795, 40.7858



202.5060, 25.8795, -40.7858

# 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.



202.5720, 25.8470, -30.3196



208.4940, -25.8795, 40.7858



192.1790, 21.6038, -69.4400

# Square

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



208.4940, -25.8795, 40.7858



198.1150, -11.3957, -31.6729



195.8950, 29.1388, -59.5439



212.3300, 13.1483, 29.5286



# Rectangle

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



208.4940, -25.8795, 40.7858



203.9210, -27.0761, 4.4543



195.8950, 29.1388, -59.5439



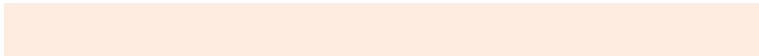
207.1340, 23.5979, -8.8875

# Sweetspot

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



208.4940, -25.8795, 40.7858



240.3130, -8.0423, 12.8805



192.5550, 12.0514, 54.7643



119.4910, -4.6791, 7.4624



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.



208.4940, -25.8795, 40.7858



198.4690, -31.2902, 49.5777



236.6700, -39.7703, 16.0754



121.8220, -3.3632, 5.4181



101.1340, -49.8591, 78.8125

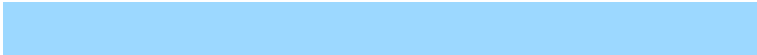


33.8110, -16.6688, 26.4758

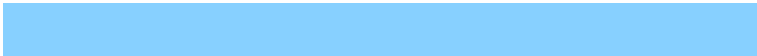


# Inverse Universe

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



202.5060, 25.8795, -40.7858



191.5310, 31.2902, -49.5777



174.3300, 39.7703, -16.0754



120.5910, 3.6526, -4.9033



89.8660, 49.8591, -78.8125



30.1890, 16.6688, -26.4758



# Previews

## White Background



This preview shows how the YUV color 208.4940, -25.8795, 40.7858 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

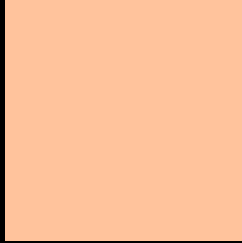
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 208.4940, -25.8795, 40.7858 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

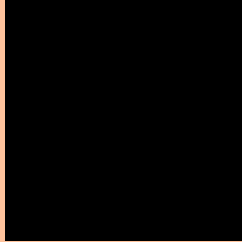
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 208.4940, -25.8795, 40.7858

## Background



This preview shows how black text looks on a background with the YUV color 208.4940, -25.8795, 40.7858.



This preview shows how white text looks on a background with the YUV color 208.4940, -25.8795, 40.7858.



# 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

208.4940, -25.8795, 40.7858

### Protanopia

206.3550, -21.8670, 13.7207

### Deuteranopia

207.7380, -25.9998, 32.6788



## Tritanopia

211.6180, -3.7557, 38.0460

# Trichromacy



## Original Color

208.4940, -25.8795, 40.7858

## Protanomaly

207.3670, -23.3519, 23.3571

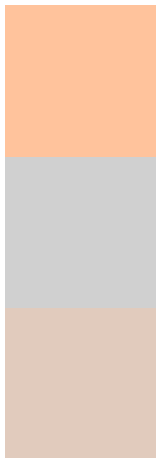
## Deuteranomaly

208.3470, -26.3001, 35.6527

## Tritanomaly

210.2670, -11.4706, 39.2308

# Monochromacy



## Original Color

208.4940, -25.8795, 40.7858

## Achromatopsia

208.0000, 0.0000, 0.0000

## Achromatomaly

207.9820, -9.3581, 14.9248

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 208.4940, -25.8795, 40.7858 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, 195, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 156)  
}
```

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, 195, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 156) }
```

## Border

The CSS property to change the border of an element to YUV 208.4940, -25.8795, 40.7858 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, 195, 156) }
```



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

```
.border{ border-color:rgb(255, 195, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
156) }
```

# Background

The CSS property to change the background color of an element to YUV 208.4940, -25.8795, 40.7858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 156) }
```

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

```
.background{ background-color: rgb(255,  
195, 156) }
```

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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