

# Converting Colors

YUV(214.3810, -31.2468,  
35.6229)

Have a look what the booklet for  
YUV(214.3810, -31.2468, 35.6229)  
contains.

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# Color

**YUV(214.3810, -31.2468,  
35.6229)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCE97
RGB	255, 206, 151
RGB Percent	100%, 81%, 59%
CMY	0.0000, 0.1922, 0.4078
CMYK	0.00, 0.19, 0.41, 0.00
HSL	32°, 100%, 80%
HSV	32°, 41%, 100%
XYZ	68.8972, 67.6370, 38.7021
YIQ	214.3810, 46.8590, -6.7170

# Conversions

## Conversions Part 2

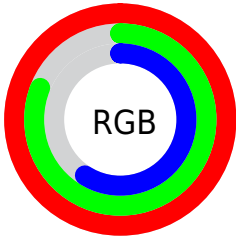
Format	Color
R <sub>Y</sub> B	244, 255, 151
Decimal	16764567
CIE Lab	85.82, 10.25, 33.89
CIE LCh	86, 35.403, 73.170
Yxy	67.6370, 0.3932, 0.3860
Android (android.graphics.Color)	4294954647 (0xFFFFCE97)
YUV	214.3810, -31.2468, 35.6229
Hunter-Lab	82.2417, 5.6137, 29.6679

# Details

The YUV color  $214.3810, -31.2468, 35.6229$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $191.6190, 31.2468, -35.6229$ , and the grayscale version is  $215.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $249.4140, -21.4031, 4.8989$ , and  $159.1140, -29.6362, 32.3490$  is the 20% darker color. If you saturate the color by 10%, you get  $204.4870, -38.6941, 44.2999$ , and if you desaturate by 10%, it is  $224.3890, -23.3628, 26.8458$ .

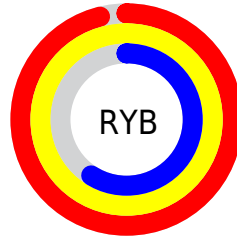
# Distribution



Red (100%)

Green (81%)

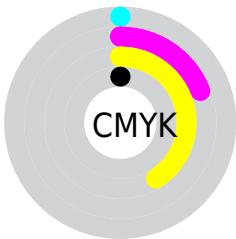
Blue (59%)



Red (96%)

Yellow (100%)

Blue (59%)

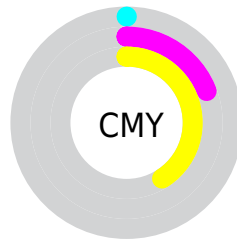


Cyan (0%)

Magenta (19%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 214.3810, -31.2468, 35.6229 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 214.3810, -31.2468, 35.6229 by changing the saturation by 10% instead.



214.3810,  
-31.2468, 35.6229

214.3810,  
-31.2468, 35.6229

255.0000, 0.0000,  
0.0000

186.5980,  
-30.3678, 33.6786

249.4140,  
-21.4031, 4.8989

159.1140,  
-29.6362, 32.3490

252.6060, -9.1728,  
2.0995

132.7440,  
-28.4678, 30.9195

106.9610,  
-27.5888, 28.9752

82.1780, -26.7098,  
27.0309

58.1670, -26.7043,  
25.2865

37.6100, -18.5417,

20.5130

■ 17.8080, -8.7793,  
15.9544

■ 0.0000, 0.0000,  
0.0000

■ 214.3810,  
-31.2468, 35.6229

■ 214.3810,  
-31.2468, 35.6229

■ 204.4870,  
-38.6941, 44.2999

■ 224.3890,  
-23.3628, 26.8458

■ 194.4790,  
-46.5781, 53.0769

■ 234.2830,  
-15.9155, 18.1688

■ 184.5850,  
-54.0254, 61.7540

■ 244.2910, -8.0315,  
9.3918

■ 174.5770,  
-61.9095, 70.5310

■ 254.1850, -0.5842,  
0.7148

■ 164.6830,  
-69.3567, 79.2080

255.0000, 0.0000,  
0.0000

■ 155.4900,  
-76.6566, 87.2703

# Harmonies

## Analogous

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



210.6770, -20.0538, 38.8713



214.3810, -31.2468, 35.6229



211.0420, -30.5867, 10.4872

# Triad

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



214.3810, -31.2468, 35.6229



197.2620, 15.6468, -72.1438



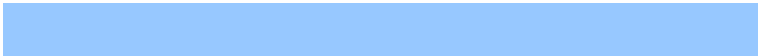
218.2190, 18.1330, 17.3479

# Complementary

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



214.3810, -31.2468, 35.6229



191.6190, 31.2468, -35.6229

# 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.



211.8080, 21.2937, -16.4946



214.3810, -31.2468, 35.6229



196.9700, 28.6088, -76.2727

# Square

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



214.3810, -31.2468, 35.6229



202.2530, -4.0687, -48.4569



203.0270, 25.6227, -51.7667



215.7390, 9.4957, 34.4319



# Rectangle

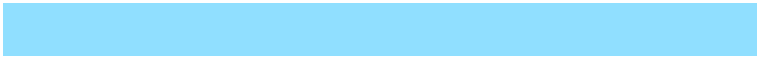
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



214.3810, -31.2468, 35.6229



209.0010, -25.1435, -8.7709



203.0270, 25.6227, -51.7667



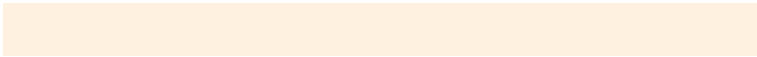
216.3810, 19.0392, 6.6819

# Sweetspot

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



214.3810, -31.2468, 35.6229



243.2480, -9.4893, 10.3065



187.7960, 6.5096, 58.9379



120.6650, -5.2578, 6.4328



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.



214.3810, -31.2468, 35.6229



206.1170, -37.5257, 42.8704



242.5460, -45.1322, 9.1682



122.4090, -3.6526, 4.9033



116.3960, -57.3832, 65.4277



39.0940, -19.2733, 21.8426

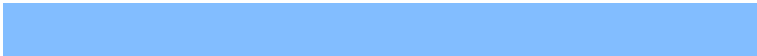


# Inverse Universe

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



191.6190, 31.2468, -35.6229



178.8830, 37.5257, -42.8704



163.4540, 45.1322, -9.1682



120.0040, 3.9420, -4.3885



74.6040, 57.3832, -65.4277



24.9060, 19.2733, -21.8426



# Previews

## White Background



This preview shows how the YUV color 214.3810, -31.2468, 35.6229 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

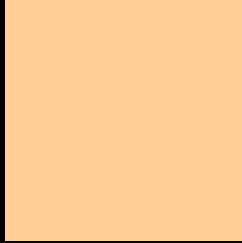
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 214.3810, -31.2468, 35.6229 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

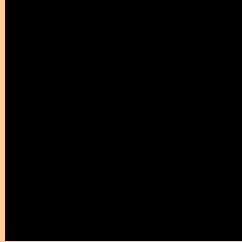
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 214.3810, -31.2468, 35.6229

## Background



This preview shows how black text looks on a background with the YUV color 214.3810, -31.2468, 35.6229.



This preview shows how white text looks on a background with the YUV color 214.3810, -31.2468, 35.6229.

35.6229.

# 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

214.3810, -31.2468, 35.6229

### Protanopia

212.9440, -28.5664, 15.8351

### Deuteranopia

214.6090, -30.3732, 35.4229



## Tritanopia

217.9270, -2.4290, 32.5130

# Trichromacy



## Original Color

214.3810, -31.2468, 35.6229

## Protanomaly

213.7600, -29.4617, 23.0125

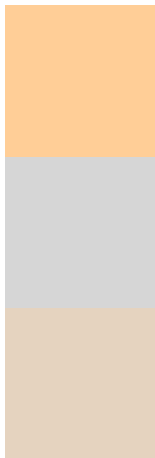
## Deuteranomaly

214.4950, -30.8100, 35.5229

## Tritanomaly

216.4790, -13.0541, 33.7829

# Monochromacy



## Original Color

214.3810, -31.2468, 35.6229

## Achromatopsia

214.0000, 0.0000, 0.0000

## Achromatomaly

214.1020, -11.3893, 13.0655

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 214.3810, -31.2468, 35.6229 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, 206, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 151)  
}
```

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, 206, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 151) }
```

## Border

The CSS property to change the border of an element to YUV 214.3810, -31.2468, 35.6229 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, 206, 151) }
```



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

```
.border{ border-color:rgb(255, 206, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
151) }
```

# Background

The CSS property to change the background color of an element to YUV 214.3810, -31.2468, 35.6229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 151) }
```

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

```
.background{ background-color: rgb(255,  
206, 151) }
```

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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