

# Converting Colors

YUV(207.5730, -19.0165,  
32.8235)

Have a look what the booklet for  
YUV(207.5730, -19.0165, 32.8235)  
contains.

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# Color

**YUV(207.5730, -19.0165,  
32.8235)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F5C4A9
RGB	245, 196, 169
RGB Percent	96%, 77%, 66%
CMY	0.0392, 0.2314, 0.3373
CMYK	0.00, 0.20, 0.31, 0.04
HSL	21°, 79%, 81%
HSV	21°, 31%, 96%
XYZ	64.5575, 61.7569, 46.0538
YIQ	207.5730, 37.8710, 1.9910

# Conversions

## Conversions Part 2

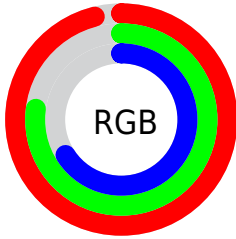
Format	Color
R <sub>Y</sub> B	245, 211, 169
Decimal	16106665
CIE Lab	82.78, 13.72, 20.19
CIE LCh	83, 24.410, 55.797
Yxy	61.7569, 0.3745, 0.3583
Android (android.graphics.Color)	4294296745 (0xFFFF5C4A9)
YUV	207.5730, -19.0165, 32.8235
Hunter-Lab	78.5856, 9.1119, 20.2639

# Details

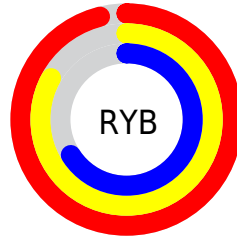
The YUV color  $207.5730, -19.0165, 32.8235$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $206.4270, 19.0165, -32.8235$ , and the grayscale version is  $208.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $250.2920, -12.9620, 4.1289$ , and  $152.9040, -17.7007, 30.7792$  is the 20% darker color. If you saturate the color by 10%, you get  $195.4450, -24.8694, 43.4597$ , and if you desaturate by 10%, it is  $219.8150, -12.7268, 22.0872$ .

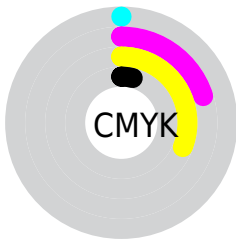
# Distribution



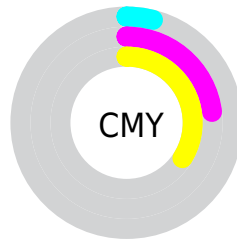
- Red (96%)
- Green (77%)
- Blue (66%)



- Red (96%)
- Yellow (83%)
- Blue (66%)



- Cyan (0%)
- Magenta (20%)
- Yellow (31%)
- Black (4%)




- Cyan (4%)
- Magenta (23%)
- Yellow (34%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 207.5730, -19.0165, 32.8235 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 207.5730, -19.0165, 32.8235 by changing the saturation by 10% instead.



 207.5730,  
-19.0165, 32.8235

 207.5730,  
-19.0165, 32.8235

255.0000, 0.0000,  
0.0000


 179.9750,  
-18.7217, 31.5939


 250.2920,  
-12.9620, 4.1289


 152.9040,  
-17.7007, 30.7792

 254.7720, -0.8736,  
0.2000

 127.0070,  
-17.2585, 28.9349

 101.5230,  
-16.5268, 27.6053

 76.8540, -15.2110,  
25.5610

 54.0710, -14.3320,  
23.6167

 31.7180, -15.6370,

22.1723

■ 10.1660, -5.0118,  
20.9024

■ 0.0000, 0.0000,  
0.0000

■ 207.5730,  
-19.0165, 32.8235

■ 207.5730,  
-19.0165, 32.8235

■ 195.4450,  
-24.8694, 43.4597

■ 219.8150,  
-12.7268, 22.0872

■ 183.2030,  
-31.1591, 54.1960

■ 231.9430, -6.8739,  
11.4510

■ 171.5480,  
-37.7382, 64.4174

■ 243.5980, -0.2948,  
1.2296

■ 159.4200,  
-43.5911, 75.0537

■ 252.0100, 1.4741,  
-6.1478

■ 147.1780,  
-49.8808, 85.7899

■ 135.0500,  
-55.7337, 96.4261

■ 124.3240,  
-61.2917, 105.8329

# Harmonies

## Analogous

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



209.0820, -10.8864, 38.5161



207.5730, -19.0165, 32.8235



205.3880, -21.8833, 18.9537

# Triad

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



207.5730, -19.0165, 32.8235



197.3280, 2.3033, -38.8757



207.7390, 19.3557, -1.5251

# Complementary

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



207.5730, -19.0165, 32.8235



206.4270, 19.0165, -32.8235

# 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.



203.6220, 23.3574, -25.1015



207.5730, -19.0165, 32.8235



196.6610, 13.9711, -47.9377

# Square

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



207.5730, -19.0165, 32.8235



199.9360, -9.8284, -20.9919



198.7570, 21.8118, -42.7599



209.9930, 10.8495, 20.1771



# Rectangle

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



207.5730, -19.0165, 32.8235



203.6530, -20.5349, 6.4433



198.7570, 21.8118, -42.7599



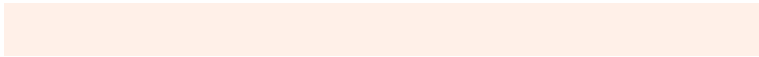
206.8520, 21.2720, -9.5172

# Sweetspot

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



207.5730, -19.0165, 32.8235



243.5730, -5.7055, 10.0215



197.3100, 10.2002, 41.8241



120.4200, -3.6581, 6.6477



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.



207.5730, -19.0165, 32.8235



208.4770, -23.4062, 40.8007



229.8790, -30.0133, 13.2611



116.5230, -3.2158, 4.8033



94.3560, -46.5175, 80.3718



29.9680, -14.7742, 25.4611

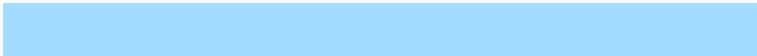


# Inverse Universe

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



206.4270, 19.0165, -32.8235



206.9360, 23.6956, -40.2859



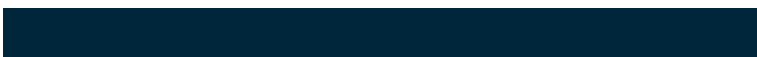
184.1210, 30.0133, -13.2611



116.0640, 2.9264, -5.3181



91.6440, 46.5175, -80.3718



29.0320, 14.7742, -25.4611



# Previews

## White Background



This preview shows how the YUV color 207.5730, -19.0165, 32.8235 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 207.5730, -19.0165, 32.8235 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

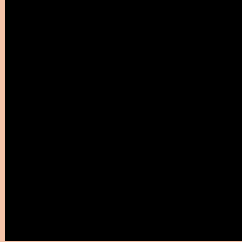
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 207.5730, -19.0165, 32.8235

## Background



This preview shows how black text looks on a background with the YUV color 207.5730, -19.0165, 32.8235.



This preview shows how white text looks on a background with the YUV color 207.5730, -19.0165,

32.8235.

# 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

207.5730, -19.0165, 32.8235

### Protanopia

205.6410, -15.5990, 9.9618

### Deuteranopia

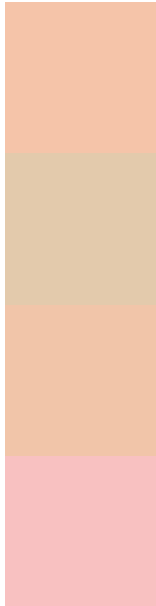
206.9530, -18.7108, 28.1052



## Tritanopia

210.0520, -1.9976, 34.1574

# Trichromacy



## Original Color

207.5730, -19.0165, 32.8235

## Protanomaly

206.0550, -16.7891, 18.3688

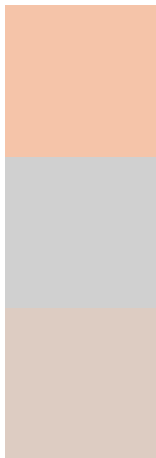
## Deuteranomaly

206.9640, -18.7163, 29.8496

## Tritanomaly

209.4450, -8.1074, 33.8127

# Monochromacy



## Original Color

207.5730, -19.0165, 32.8235

## Achromatopsia

208.0000, 0.0000, 0.0000

## Achromatomaly

207.9430, -6.8739, 11.4510

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 207.5730, -19.0165, 32.8235 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(245, 196, 169)` looks like.

```
.text, #text, p{  
    color:rgb(245, 196, 169)  
}
```

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(245, 196, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 196, 169) }
```

## Border

The CSS property to change the border of an element to YUV 207.5730, -19.0165, 32.8235 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(245, 196, 169) }
```



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

```
.border{ border-color:rgb(245, 196, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 196, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 196, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 196, 169);  
box-shadow:4px 4px 4px 4px rgb(245, 196,  
169) }
```

# Background

The CSS property to change the background color of an element to YUV 207.5730, -19.0165, 32.8235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 196, 169) }
```

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

```
.background{ background-color: rgb(245,  
196, 169) }
```

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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