

# Converting Colors

YUV(204.8700, -49.7289,  
36.9480)

Have a look what the booklet for  
YUV(204.8700, -49.7289, 36.9480)  
contains.

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# Color

**YUV(204.8700, -49.7289,  
36.9480)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7CB68
RGB	247, 203, 104
RGB Percent	97%, 80%, 41%
CMY	0.0314, 0.2039, 0.5922
CMYK	0.00, 0.18, 0.58, 0.03
HSL	42°, 90%, 69%
HSV	42°, 58%, 97%
XYZ	62.2124, 63.4855, 22.0717
YIQ	204.8700, 58.0030, -21.4610

# Conversions

## Conversions Part 2

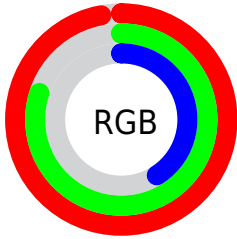
Format	Color
R <sub>Y</sub> B	168, 247, 104
Decimal	16239464
CIE Lab	83.70, 4.40, 54.41
CIE LCh	84, 54.582, 85.379
Yxy	63.4855, 0.4210, 0.4296
Android (android.graphics.Color)	4294429544 (0xFFF7CB68)
YUV	204.8700, -49.7289, 36.9480
Hunter-Lab	79.6778, -0.0634, 39.3504

# Details

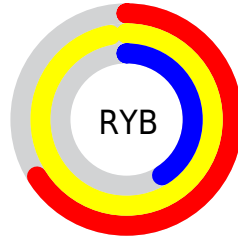
The YUV color  $204.8700, -49.7289, 36.9480$  is a light color, and the websafe version is hex  $\text{FFCC66}$ . A complement of this color would be  $146.1300, 49.7289, -36.9480$ , and the grayscale version is  $205.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $243.9420, -42.3694, 9.6979$ , and  $149.6030, -48.1183, 33.6742$  is the 20% darker color. If you saturate the color by 10%, you get  $197.3240, -58.3337, 43.5659$ , and if you desaturate by 10%, it is  $212.4160, -41.1241, 30.3302$ .

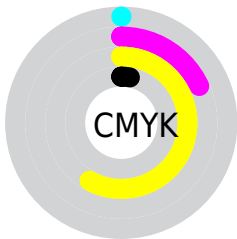
# Distribution



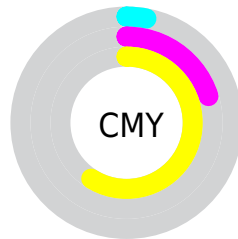
- Red (97%)
- Green (80%)
- Blue (41%)



- Red (66%)
- Yellow (97%)
- Blue (41%)



- Cyan (0%)
- Magenta (18%)
- Yellow (58%)
- Black (3%)



- Cyan (3%)
- Magenta (20%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 204.8700, -49.7289, 36.9480 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 204.8700, -49.7289, 36.9480 by changing the saturation by 10% instead.



204.8700,  
-49.7289, 36.9480

204.8700,  
-49.7289, 36.9480

255.0000, 0.0000,  
0.0000

177.0870,  
-48.8499, 35.0037

243.9420,  
-42.3694, 9.6979

149.6030,  
-48.1183, 33.6742

247.0200,  
-30.5759, 6.9985

122.9510,  
-49.2758, 31.6150

250.3260,  
-17.9087, 4.0991

96.9830, -47.8126,  
28.9559

253.6320, -5.2416,  
1.1997

74.8220, -36.8872,  
24.7121

53.8350, -26.5407,  
19.4387

33.7340, -16.6309,

14.2653

■ 12.7580, -6.2897,  
10.7362

■ 0.0000, 0.0000,  
0.0000

■ 204.8700,  
-49.7289, 36.9480

■ 204.8700,  
-49.7289, 36.9480

■ 197.3240,  
-58.3337, 43.5659

■ 212.4160,  
-41.1241, 30.3302

■ 190.4790,  
-66.7911, 49.5689

■ 219.2610,  
-32.6667, 24.3271

■ 182.9330,  
-75.3960, 56.1868

■ 226.8070,  
-24.0619, 17.7093

■ 175.9740,  
-84.2902, 62.2898

■ 233.7660,  
-15.1676, 11.6062

174.2300,  
-85.8954, 63.8193

241.1980, -6.9996,  
5.0884

248.7440, 1.6052,  
-1.5295

252.6080, 1.1793,  
-4.9182

# Harmonies

## Analogous

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



198.5030, -36.2370, 49.5479



204.8700, -49.7289, 36.9480



200.0390, -42.9102, -3.5422

# Triad

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



204.8700, -49.7289, 36.9480



166.5590, 41.6294, -146.0722



210.3880, 21.9937, 39.1247

# Complementary

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



204.8700, -49.7289, 36.9480



146.1300, 49.7289, -36.9480

# 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.



205.3950, 24.4553, -3.8544



204.8700, -49.7289, 36.9480



163.4930, 45.1130, -143.3834

# Square

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



204.8700, -49.7289, 36.9480



167.2090, 15.6730, -127.3483



186.3600, 33.8395, -73.9837



199.2400, 9.7417, 48.9015



# Rectangle

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



204.8700, -49.7289, 36.9480



195.1690, -30.1563, -34.3512



186.3600, 33.8395, -73.9837



211.5180, 21.4366, 31.1177

# Sweetspot

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



204.8700, -49.7289, 36.9480



242.4670, -15.0202, 10.9914



151.8870, -1.4233, 83.4141



120.3400, -9.0416, 6.7178



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.



204.8700, -49.7289, 36.9480



203.2380, -61.2493, 45.3953



222.9240, -58.6295, -1.6873



118.8710, -4.3734, 2.7441



131.3370, -64.7491, 47.9395



41.7080, -20.5620, 15.1651



# Inverse Universe

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



146.1300, 49.7289, -36.9480



130.7620, 61.2493, -45.3953



128.0760, 58.6295, 1.6873



113.7160, 4.0840, -3.2589



54.6630, 64.7491, -47.9395



17.2920, 20.5620, -15.1651



# Previews

## White Background



This preview shows how the YUV color 204.8700, -49.7289, 36.9480 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 204.8700, -49.7289, 36.9480 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 204.8700, -49.7289, 36.9480

## Background



This preview shows how black text looks on a background with the YUV color 204.8700, -49.7289, 36.9480.



This preview shows how white text looks on a background with the YUV color 204.8700, -49.7289, 36.9480.



# 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

204.8700, -49.7289, 36.9480

### Protanopia

203.8360, -48.2331, 23.8228

### Deuteranopia

205.8260, -46.2562, 43.1256



## Tritanopia

212.4330, -3.1715, 37.3313

# Trichromacy



## Original Color

204.8700, -49.7289, 36.9480

## Protanomaly

204.3420, -48.9756, 28.6411

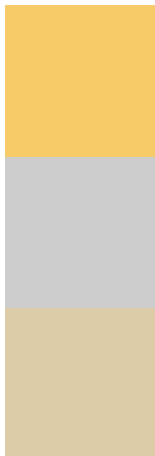
## Deuteranomaly

205.1740, -47.4138, 41.0664

## Tritanomaly

209.6660, -20.0483, 37.1269

# Monochromacy



## Original Color

204.8700, -49.7289, 36.9480

## Achromatopsia

205.0000, 0.0000, 0.0000

## Achromatomaly

204.6800, -18.0832, 13.4356

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 204.8700, -49.7289, 36.9480 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(247, 203, 104)` looks like.

```
.text, #text, p{  
    color:rgb(247, 203, 104)  
}
```

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(247, 203, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 203, 104) }
```

## Border

The CSS property to change the border of an element to YUV 204.8700, -49.7289, 36.9480 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(247, 203, 104) }
```



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

```
.border{ border-color:rgb(247, 203, 104) }
```

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

Here you see how a box with a 4 pixel rgb(247, 203, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 203, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 203, 104);  
box-shadow:4px 4px 4px 4px rgb(247, 203,  
104) }
```

# Background

The CSS property to change the background color of an element to YUV 204.8700, -49.7289, 36.9480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 203, 104) }
```

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

```
.background{ background-color: rgb(247,  
203, 104) }
```

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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