

# Converting Colors

YUV(200.0360, -37.9787,  
48.2034)

Have a look what the booklet for  
YUV(200.0360, -37.9787, 48.2034)  
contains.

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# Color

**YUV(200.0360, -37.9787,  
48.2034)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBB7B
RGB	255, 187, 123
RGB Percent	100%, 73%, 48%
CMY	0.0000, 0.2667, 0.5176
CMYK	0.00, 0.27, 0.52, 0.00
HSL	29°, 100%, 74%
HSV	29°, 52%, 100%
XYZ	62.5855, 58.2307, 26.6799
YIQ	200.0360, 61.0720, -5.4880

# Conversions

## Conversions Part 2

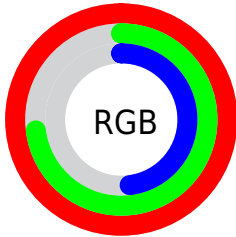
Format	Color
R <sub>Y</sub> B	255, 247, 123
Decimal	16759675
CIE Lab	80.87, 17.46, 41.86
CIE LCh	81, 45.356, 67.355
Yxy	58.2307, 0.4243, 0.3948
Android (android.graphics.Color)	4294949755 (0xFFFFBB7B)
YUV	200.0360, -37.9787, 48.2034
Hunter-Lab	76.3090, 12.8574, 32.6868

# Details

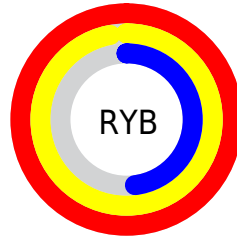
The YUV color  $200.0360, -37.9787, 48.2034$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $177.9640, 37.9787, -48.2034$ , and the grayscale version is  $200.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $238.9500, -31.0343, 14.0759$ , and  $145.2850, -35.6365, 43.6001$  is the 20% darker color. If you saturate the color by 10%, you get  $189.5550, -45.1366, 57.3953$ , and if you desaturate by 10%, it is  $210.6310, -30.3841, 38.9116$ .

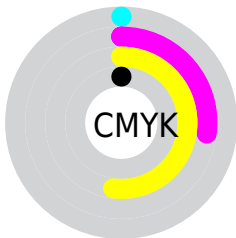
# Distribution



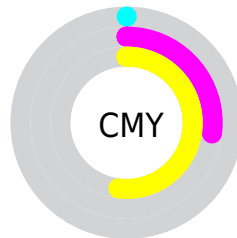
- Red (100%)
- Green (73%)
- Blue (48%)



- Red (100%)
- Yellow (97%)
- Blue (48%)



- Cyan (0%)
- Magenta (27%)
- Yellow (52%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 200.0360, -37.9787, 48.2034 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 200.0360, -37.9787, 48.2034 by changing the saturation by 10% instead.



200.0360,  
-37.9787, 48.2034

200.0360,  
-37.9787, 48.2034

255.0000, 0.0000,  
0.0000

172.2530,  
-37.0997, 46.2591

238.9500,  
-31.0343, 14.0759

145.2850,  
-35.6365, 43.6001

249.1860,  
-22.2767, 5.0989

118.5020,  
-34.7575, 41.6557

252.4920, -9.6096,  
2.1995

93.3060, -34.1679,  
39.1966

68.6970, -33.8676,  
36.2227

47.1230, -23.2316,  
31.4641

27.3100, -13.4638,

25.1611

■ 9.8670, -4.8644,  
20.2876

■ 0.0000, 0.0000,  
0.0000

■ 200.0360,  
-37.9787, 48.2034

■ 200.0360,  
-37.9787, 48.2034

■ 189.5550,  
-45.1366, 57.3953

■ 210.6310,  
-30.3841, 38.9116

■ 178.9600,  
-52.7313, 66.6871

■ 221.1120,  
-23.2262, 29.7198

■ 168.4790,  
-59.8891, 75.8789

■ 231.7070,  
-15.6316, 20.4280

■ 157.2970,  
-67.1944, 85.6855

■ 242.7750, -8.7631,  
10.7213

149.0330,  
-73.4733, 92.9331

253.3700, -1.1684,  
1.4295

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



195.0100, -21.6969, 52.6112



200.0360, -37.9787, 48.2034



196.8660, -40.3599, 18.5345

# Triad

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



200.0360, -37.9787, 48.2034



168.8940, 20.2653, -106.9010



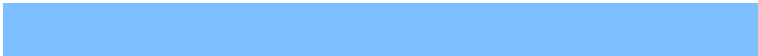
203.7330, 25.2746, 13.3892

# Complementary

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



200.0360, -37.9787, 48.2034



177.9640, 37.9787, -48.2034

# 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.



193.4020, 30.3678, -33.6786



200.0360, -37.9787, 48.2034



158.3410, 45.6809, -138.8651

# Square

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



200.0360, -37.9787, 48.2034



184.3460, -8.5516, -57.3084



176.2160, 38.8405, -91.3974



203.8850, 14.8467, 44.8279



# Rectangle

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



200.0360, -37.9787, 48.2034



193.6180, -34.3217, -4.9270



176.2160, 38.8405, -91.3974



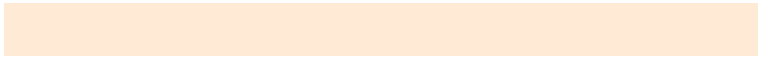
200.9870, 26.6284, -0.8656

# Sweetspot

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



200.0360, -37.9787, 48.2034



237.9990, -11.8315, 14.9099



170.2200, 10.2445, 74.3521



117.5190, -7.1579, 9.1918



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.



200.0360, -37.9787, 48.2034



189.4410, -45.5734, 57.4952



238.7780, -57.0786, 14.2267



122.4090, -3.6526, 4.9033



111.7000, -55.0681, 69.5461

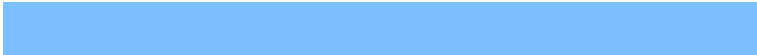


37.3330, -18.4052, 23.3870



# Inverse Universe

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



177.9640, 37.9787, -48.2034



162.5590, 45.5734, -57.4952



139.2220, 57.0786, -14.2267



120.0040, 3.9420, -4.3885



79.8870, 54.7787, -70.0609



26.6670, 18.4052, -23.3870



# Previews

## White Background



This preview shows how the YUV color 200.0360, -37.9787, 48.2034 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

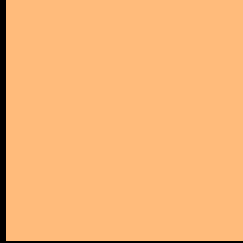
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 200.0360, -37.9787, 48.2034 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 200.0360, -37.9787, 48.2034

## Background



This preview shows how black text looks on a background with the YUV color 200.0360, -37.9787, 48.2034.



This preview shows how white text looks on a background with the YUV color 200.0360, -37.9787,



# 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

200.0360, -37.9787, 48.2034

### Protanopia

198.0600, -34.5396, 18.3644

### Deuteranopia

199.5680, -38.2410, 38.9669



## Tritanopia

204.4940, -5.6665, 44.2938

# Trichromacy



## Original Color

200.0360, -37.9787, 48.2034

## Protanomaly

198.7840, -35.8825, 29.1304

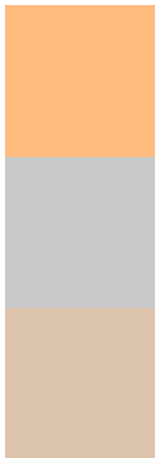
## Deuteranomaly

199.5900, -38.2519, 42.4556

## Tritanomaly

202.8180, -17.1653, 45.7636

# Monochromacy



## Original Color

200.0360, -37.9787, 48.2034

## Achromatopsia

200.0000, 0.0000, 0.0000

## Achromatomaly

199.8530, -13.7315, 17.6689

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 200.0360, -37.9787, 48.2034 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, 187, 123)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 123)  
}
```

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, 187, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 123) }
```

## Border

The CSS property to change the border of an element to YUV 200.0360, -37.9787, 48.2034 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, 187, 123) }
```



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

```
.border{ border-color:rgb(255, 187, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 187, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 123);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
123) }
```

# Background

The CSS property to change the background color of an element to YUV 200.0360, -37.9787, 48.2034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 123) }
```

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

```
.background{ background-color: rgb(255,  
187, 123) }
```

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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