

# Converting Colors

YUV(192.3500, -37.6405,  
33.0191)

Have a look what the booklet for  
YUV(192.3500, -37.6405, 33.0191)  
contains.

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# Color

**YUV(192.3500, -37.6405,  
33.0191)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6BC74
RGB	230, 188, 116
RGB Percent	90%, 74%, 45%
CMY	0.0980, 0.2627, 0.5451
CMYK	0.00, 0.18, 0.50, 0.10
HSL	38°, 70%, 68%
HSV	38°, 50%, 90%
XYZ	53.7687, 54.0504, 24.1218
YIQ	192.3500, 48.1440, -13.4880

# Conversions

## Conversions Part 2

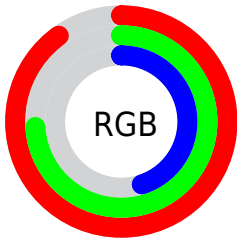
Format	Color
<a href="#">RYB</a>	<a href="#">183, 230, 116</a>
Decimal	<a href="#">15121524</a>
CIELab	<a href="#">78.49, 6.23, 41.90</a>
CIELCh	<a href="#">78, 42.360, 81.536</a>
Yxy	<a href="#">54.0504, 0.4075, 0.4097</a>
Android (android.graphics.Color)	<a href="#">4293311604</a> (0xFFE6BC74)
YUV	<a href="#">192.3500, -37.6405, 33.0191</a>
Hunter-Lab	<a href="#">73.5190, 1.8893, 32.0100</a>

# Details

The YUV color **192.3500, -37.6405, 33.0191** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **153.6500, 37.6405, -33.0191**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.7390, -34.3813, 14.2609**, and **138.1970, -35.5931, 29.6452** is the 20% darker color. If you saturate the color by 10%, you get **185.0320, -45.3718, 39.4369**, and if you desaturate by 10%, it is **199.6680, -29.9093, 26.6012**.

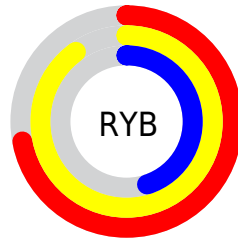
# Distribution



Red (90%)

Green (74%)

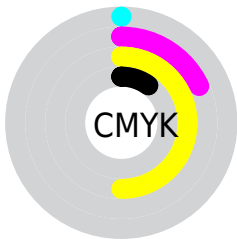
Blue (45%)



Red (72%)

Yellow (90%)

Blue (45%)

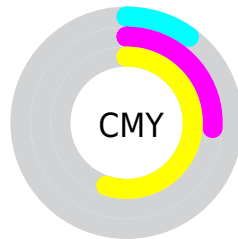


Cyan (0%)

Magenta (18%)

Yellow (50%)

Black (10%)



Cyan (10%)

Magenta (26%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 192.3500, -37.6405, 33.0191 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 192.3500, -37.6405, 33.0191 by changing the saturation by 10% instead.



192.3500,  
-37.6405, 33.0191

192.3500,  
-37.6405, 33.0191

255.0000, 0.0000,  
0.0000

164.9800,  
-36.4721, 31.5895

238.7390,  
-34.3813, 14.2609

138.1970,  
-35.5931, 29.6452

248.3880,  
-25.3343, 5.7987

112.3000,  
-35.1509, 27.8009

251.5800,  
-13.1039, 2.9993

87.2890, -35.1455,  
26.0565

254.8860, -0.4368,  
0.1000

63.3040, -31.2089,  
23.4124

43.2030, -21.2991,  
18.2390

23.9880, -11.8261,

13.1655

■ 0.0000, 0.0000,  
0.0000

■ 192.3500,  
-37.6405, 33.0191

■ 192.3500,  
-37.6405, 33.0191

■ 185.0320,  
-45.3718, 39.4369

■ 199.6680,  
-29.9093, 26.6012

■ 177.1270,  
-52.8136, 46.3696

■ 207.5730,  
-22.4675, 19.6685

■ 169.8090,  
-60.5448, 52.7875

■ 214.8910,  
-14.7363, 13.2506

■ 161.9040,  
-67.9867, 59.7202

■ 222.7960, -7.2944,  
6.3179

■ 154.5860,  
-75.7179, 66.1381

■ 230.1140, 0.4368,  
-0.1000

■ 153.8850,  
-75.8653, 66.7529

■ 238.0190, 7.8786,  
-7.0327

■ 242.8290, 6.0003,  
-11.2510

■ 247.5250, 3.6852,  
-15.3694

# Harmonies

## Analogous

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



193.6590, -29.4119, 53.7961



192.3500, -37.6405, 33.0191



188.7760, -33.9066, 1.9504

# Triad

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



192.3500, -37.6405, 33.0191



159.2870, 30.9175, -116.8927



199.6210, 21.8788, 29.2734

# Complementary

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



192.3500, -37.6405, 33.0191



153.6500, 37.6405, -33.0191

# 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.



193.8440, 30.1499, -10.3872



192.3500, -37.6405, 33.0191



164.2890, 44.7205, -110.7555

# Square

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



192.3500, -37.6405, 33.0191



174.6460, 3.1325, -71.6035



181.7410, 36.1167, -57.6549



196.1110, 5.3683, 51.6457



# Rectangle

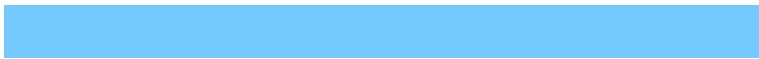
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



192.3500, -37.6405, 33.0191



185.2230, -25.2529, -20.3666



181.7410, 36.1167, -57.6549



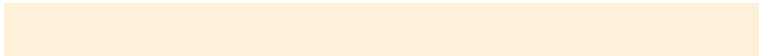
198.5100, 26.8636, 17.0927

# Sweetspot

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



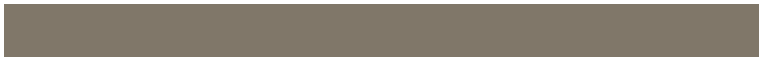
192.3500, -37.6405, 33.0191



242.4500, -12.5468, 11.0064



155.1020, 2.4147, 65.6855



120.0950, -7.4418, 6.9327



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.



192.3500, -37.6405, 33.0191



205.6150, -49.6032, 43.3106



213.1170, -47.8787, 3.4054



111.2840, -4.0840, 3.2589



119.8520, -59.0870, 51.8728



34.0330, -16.7783, 14.8801

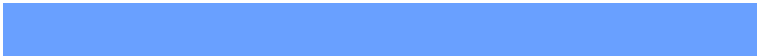


# Inverse Universe

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



153.6500, 37.6405, -33.0191



154.3850, 49.6032, -43.3106



132.8830, 47.8787, -3.4054



107.3030, 3.7946, -3.7737



59.1480, 59.0870, -51.8728



16.9670, 16.7783, -14.8801



# Previews

## White Background



This preview shows how the YUV color 192.3500, -37.6405, 33.0191 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

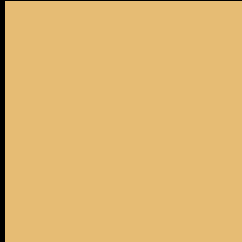
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 192.3500, -37.6405, 33.0191 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

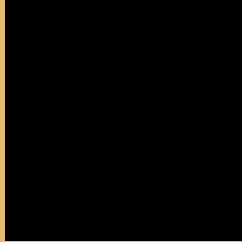
Any Text WCAG AA ✓ Pass

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 192.3500, -37.6405, 33.0191 Background



This preview shows how black text looks on a background with the YUV color 192.3500, -37.6405, 33.0191.



This preview shows how white text looks on a background with the YUV color 192.3500, -37.6405,



# 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

192.3500, -37.6405, 33.0191

### Protanopia

190.7180, -35.8500, 18.6643

### Deuteranopia

193.0840, -37.5094, 37.6373



## Tritanopia

197.9380, -2.4344, 34.2574

# Trichromacy



## Original Color

192.3500, -37.6405, 33.0191

## Protanomaly

191.5230, -36.7398, 24.0973

## Deuteranomaly

193.0730, -37.5040, 35.8930

## Tritanomaly

195.6100, -15.0907, 33.6680

# Monochromacy



## Original Color

192.3500, -37.6405, 33.0191

## Achromatopsia

192.0000, 0.0000, 0.0000

## Achromatomaly

192.4070, -14.0047, 11.9211

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 192.3500, -37.6405, 33.0191 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(230, 188, 116)` looks like.

```
.text, #text, p{  
    color:rgb(230, 188, 116)  
}
```

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(230, 188, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 188, 116) }
```

## Border

The CSS property to change the border of an element to YUV 192.3500, -37.6405, 33.0191 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(230, 188, 116) }
```



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

```
.border{ border-color:rgb(230, 188, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 188, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 188, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 188, 116); box-shadow:4px 4px 4px 4px rgb(230, 188, 116) }
```

# Background

The CSS property to change the background color of an element to YUV 192.3500, -37.6405, 33.0191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 188, 116) }
```

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

```
.background{ background-color: rgb(230,  
188, 116) }
```

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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