

# Converting Colors

YUV(214.4350, -16.4835,  
13.6505)

Have a look what the booklet for  
YUV(214.4350, -16.4835, 13.6505)  
contains.

<b>YUV(214.4350, -16.4835, 13.6505)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(214.4350, -16.4835,  
13.6505)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6D5B5
RGB	230, 213, 181
RGB Percent	90%, 84%, 71%
CMY	0.0980, 0.1647, 0.2902
CMYK	0.00, 0.07, 0.21, 0.10
HSL	39°, 49%, 81%
HSV	39°, 21%, 90%
XYZ	64.7679, 67.7477, 53.3790
YIQ	214.4350, 20.4040, -6.3480

# Conversions

## Conversions Part 2

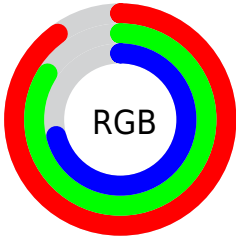
Format	Color
R <sub>Y</sub> B	207, 230, 181
Decimal	15127989
CIE Lab	85.88, 0.85, 17.95
CIE LCh	86, 17.975, 87.282
Yxy	67.7477, 0.3484, 0.3644
Android (android.graphics.Color)	4293318069 (0xFFE6D5B5)
YUV	214.4350, -16.4835, 13.6505
Hunter-Lab	82.3090, -3.5814, 19.1655

# Details

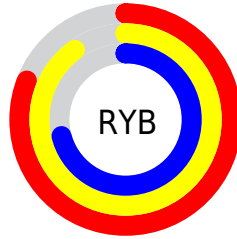
The YUV color  $214.4350, -16.4835, 13.6505$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $196.5650, 16.4835, -13.6505$ , and the grayscale version is  $215.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $252.9480, -7.8624, 1.7996$ , and  $159.3640, -15.4625, 12.8358$  is the 20% darker color. If you saturate the color by 10%, you get  $207.1170, -24.2147, 20.0684$ , and if you desaturate by 10%, it is  $221.7530, -8.7522, 7.2326$ .

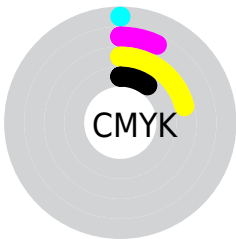
# Distribution



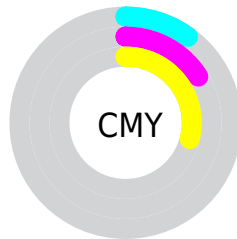
- Red (90%)
- Green (84%)
- Blue (71%)



- Red (81%)
- Yellow (90%)
- Blue (71%)



- Cyan (0%)
- Magenta (7%)
- Yellow (21%)
- Black (10%)



- Cyan (10%)
- Magenta (16%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 214.4350, -16.4835, 13.6505 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 214.4350, -16.4835, 13.6505 by changing the saturation by 10% instead.



■ 214.4350,  
-16.4835, 13.6505

■ 214.4350,  
-16.4835, 13.6505

255.0000, 0.0000,  
0.0000

■ 186.5490,  
-16.0467, 13.5505

■ 252.9480, -7.8624,  
1.7996

■ 159.3640,  
-15.4625, 12.8358

■ 133.1790,  
-14.8782, 12.1210

■ 107.9940,  
-14.2940, 11.4063

■ 83.8090, -13.7098,  
10.6915

■ 60.3250, -12.9782,  
9.3620

■ 38.1400, -12.3940,

8.6472

■ 18.6390, -9.1890,  
7.3326

■ 0.0000, 0.0000,  
0.0000

■ 214.4350,  
-16.4835, 13.6505

■ 214.4350,  
-16.4835, 13.6505

■ 207.1170,  
-24.2147, 20.0684

■ 221.7530, -8.7522,  
7.2326

■ 199.7990,  
-31.9459, 26.4863

■ 229.0710, -1.0210,  
0.8147

■ 192.4810,  
-39.6771, 32.9042

■ 236.3890, 6.7102,  
-5.6032

■ 185.1630,  
-47.4084, 39.3220

■ 241.6550, 6.5791,  
-10.2214

■ 177.8450,  
-55.1396, 45.7399

■ 246.3510, 4.2640,  
-14.3398

■ 170.5270,  
-62.8708, 52.1578

■ 247.5250, 3.6852,  
-15.3694

■ 163.2090,  
-70.6020, 58.5757

■ 156.8200,  
-77.3123, 64.1789

# Harmonies

## Analogous

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



216.3700, -14.4794, 24.2315



214.4350, -16.4835, 13.6505



212.0310, -13.8193, -0.9042

# Triad

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



214.4350, -16.4835, 13.6505



208.5380, 10.5808, -33.7978



218.0480, 7.3713, 15.7439

# Complementary

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



214.4350, -16.4835, 13.6505



196.5650, 16.4835, -13.6505

# 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.



216.3710, 14.1141, -0.3254



214.4350, -16.4835, 13.6505



210.3520, 16.0955, -29.2497

# Square

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



214.4350, -16.4835, 13.6505



209.1660, 1.3972, -28.2096



213.6570, 16.9311, -17.2392



218.0510, -0.5181, 26.2653



# Rectangle

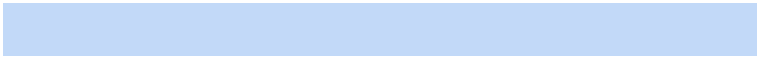
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



214.4350, -16.4835, 13.6505



210.7030, -9.7136, -11.1405



213.6570, 16.9311, -17.2392



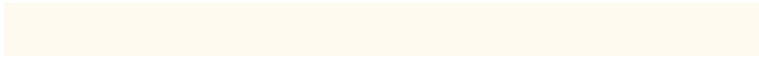
217.4110, 10.1504, 11.0406

# Sweetspot

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



214.4350, -16.4835, 13.6505



250.3550, -5.1050, 4.0737



197.5890, 0.2026, 28.4244



124.6260, -2.7736, 2.9590



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.



214.4350, -16.4835, 13.6505



233.9750, -22.1727, 18.4389



222.3210, -20.3713, 0.5955



111.2840, -4.0840, 3.2589



122.2000, -60.2446, 49.8136



34.6200, -17.0677, 14.3653



# Inverse Universe

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



196.5650, 16.4835, -13.6505



210.0250, 22.1727, -18.4389



188.6790, 20.3713, -0.5955



106.7160, 4.0840, -3.2589



56.8000, 60.2446, -49.8136

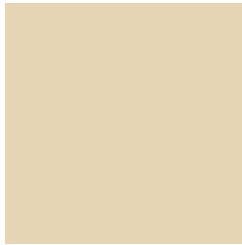


16.3800, 17.0677, -14.3653



# Previews

## White Background



This preview shows how the YUV color 214.4350, -16.4835, 13.6505 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 214.4350, -16.4835, 13.6505 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

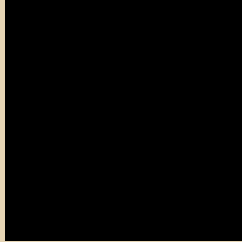
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

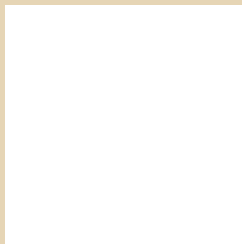
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 214.4350, -16.4835, 13.6505

## Background



This preview shows how black text looks on a background with the YUV color 214.4350, -16.4835, 13.6505.



This preview shows how white text looks on a background with the YUV color 214.4350, -16.4835, 13.6505.



# 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

214.4350, -16.4835, 13.6505

### Protanopia

213.9400, -15.7464, 10.5766

### Deuteranopia

216.1100, -16.8162, 27.0905



## Tritanopia

217.1960, 2.8614, 15.6141

# Trichromacy



## Original Color

214.4350, -16.4835, 13.6505

## Protanomaly

214.2390, -15.8938, 11.1914

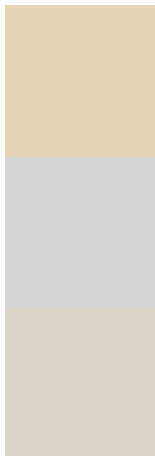
## Deuteranomaly

215.4900, -16.5106, 22.3723

## Tritanomaly

216.0620, -3.9746, 14.8546

# Monochromacy



## Original Color

214.4350, -16.4835, 13.6505

## Achromatopsia

214.0000, 0.0000, 0.0000

## Achromatomaly

214.4260, -6.1260, 4.8884

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 214.4350, -16.4835, 13.6505 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, 213, 181)` looks like.

```
.text, #text, p{  
    color:rgb(230, 213, 181)  
}
```

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, 213, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 213, 181) }
```

## Border

The CSS property to change the border of an element to YUV 214.4350, -16.4835, 13.6505 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, 213, 181) }
```



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

```
.border{ border-color:rgb(230, 213, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 213, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 213, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 213, 181);  
box-shadow:4px 4px 4px 4px rgb(230, 213,  
181) }
```

# Background

The CSS property to change the background color of an element to YUV 214.4350, -16.4835, 13.6505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 213, 181) }
```

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

```
.background{ background-color: rgb(230,  
213, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor