

# Converting Colors

YUV(193.5000, -28.3475,  
39.0265)

Have a look what the booklet for  
YUV(193.5000, -28.3475, 39.0265)  
contains.

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# Color

**YUV(193.5000, -28.3475,  
39.0265)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEB688
RGB	238, 182, 136
RGB Percent	93%, 71%, 53%
CMY	0.0667, 0.2863, 0.4667
CMYK	0.00, 0.24, 0.43, 0.07
HSL	27°, 75%, 73%
HSV	27°, 43%, 93%
XYZ	56.4318, 53.4106, 30.6276
YIQ	193.5000, 48.1420, -2.4340

# Conversions

## Conversions Part 2

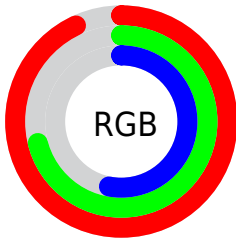
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	238, 220, 136
Decimal	15644296
CIE Lab	78.12, 14.57, 31.23
CIE LCh	78, 34.457, 64.995
Yxy	53.4106, 0.4017, 0.3802
Android (android.graphics.Color)	4293834376 (0xFFEEB688)
YUV	193.5000, -28.3475, 39.0265
Hunter-Lab	73.0826, 9.9369, 26.3105

# Details

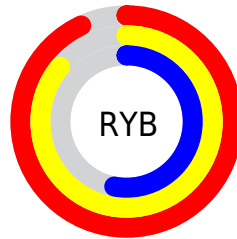
The YUV color  $193.5000, -28.3475, 39.0265$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $180.5000, 28.3475, -39.0265$ , and the grayscale version is  $194.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $237.6110, -23.4722, 15.2502$ , and  $139.3470, -26.3001, 35.6527$  is the 20% darker color. If you saturate the color by 10%, you get  $183.1330, -35.0686, 48.1184$ , and if you desaturate by 10%, it is  $203.8670, -21.6264, 29.9346$ .

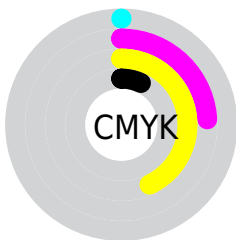
# Distribution



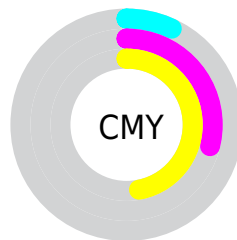
- Red (93%)
- Green (71%)
- Blue (53%)



- Red (93%)
- Yellow (86%)
- Blue (53%)



- Cyan (0%)
- Magenta (24%)
- Yellow (43%)
- Black (7%)



- Cyan (7%)
- Magenta (29%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 193.5000, -28.3475, 39.0265 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 193.5000, -28.3475, 39.0265 by changing the saturation by 10% instead.



193.5000,  
-28.3475, 39.0265

193.5000,  
-28.3475, 39.0265

255.0000, 0.0000,  
0.0000

166.0160,  
-27.6159, 37.6970

237.6110,  
-23.4722, 15.2502

139.3470,  
-26.3001, 35.6527

250.7820,  
-16.1615, 3.6992

113.5640,  
-25.4211, 33.7084

253.9740, -3.9312,  
0.8998

88.4820, -24.3946,  
31.1493

64.2860, -23.8050,  
28.6902

42.0730, -20.7420,  
26.2460

22.5590, -11.1216,

20.5578

■ 4.7840, -2.3585,  
9.8364

■ 0.0000, 0.0000,  
0.0000

■ 193.5000,  
-28.3475, 39.0265

■ 193.5000,  
-28.3475, 39.0265

■ 183.1330,  
-35.0686, 48.1184

■ 203.8670,  
-21.6264, 29.9346

■ 172.7660,  
-41.7896, 57.2102

■ 214.2340,  
-14.9054, 20.8428

■ 162.5130,  
-48.0739, 66.2021

■ 224.4870, -8.6211,  
11.8509

■ 152.1460,  
-54.7950, 75.2940

■ 234.8540, -1.9000,  
2.7590

■ 141.7790,  
-61.5160, 84.3858

■ 245.2210, 4.8210,  
-6.3328

■ 133.9710,  
-66.0477, 91.2334

■ 249.9170, 2.5059,  
-10.4512

# Harmonies

## Analogous

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



195.5090, -18.4919, 51.2966



193.5000, -28.3475, 39.0265



190.7870, -30.4610, 16.8498

# Triad

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



193.5000, -28.3475, 39.0265



177.2260, 10.2416, -65.0962



196.7600, 24.2753, 7.2265

# Complementary

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



193.5000, -28.3475, 39.0265



180.5000, 28.3475, -39.0265

# 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.



190.4890, 31.8039, -27.6159



193.5000, -28.3475, 39.0265



174.8020, 26.7196, -77.0024

# Square

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



193.5000, -28.3475, 39.0265



182.1680, -8.4638, -38.7353



181.7360, 33.6542, -61.1585



197.9070, 11.3848, 35.1616



# Rectangle

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



193.5000, -28.3475, 39.0265



188.3010, -26.7704, -0.2640



181.7360, 33.6542, -61.1585



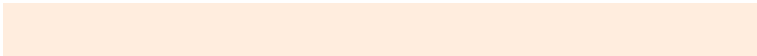
195.1930, 27.5129, -4.5543

# Sweetspot

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



193.5000, -28.3475, 39.0265



240.6720, -9.2053, 12.5657



172.8820, 9.4252, 57.1085



118.5620, -5.7001, 8.2771



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.



193.5000, -28.3475, 39.0265



198.5030, -36.2370, 49.5479



223.4370, -43.1064, 12.7718



114.5230, -3.2158, 4.8033



103.7370, -51.1423, 70.3907



31.4190, -15.4896, 21.5575



# Inverse Universe

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



180.5000, 28.3475, -39.0265



181.4970, 36.2370, -49.5479



150.5630, 43.1064, -12.7718



112.8900, 3.5052, -4.2885



80.2630, 51.1423, -70.3907



24.5810, 15.4896, -21.5575



# Previews

## White Background



This preview shows how the YUV color 193.5000, -28.3475, 39.0265 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

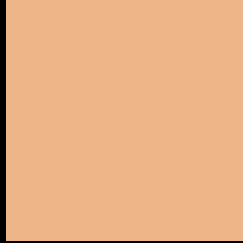
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 193.5000, -28.3475, 39.0265 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

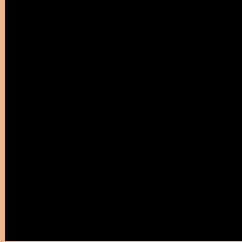
Any Text WCAG AA ✓ Pass

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 193.5000, -28.3475, 39.0265 Background



This preview shows how black text looks on a background with the YUV color 193.5000, -28.3475, 39.0265.



This preview shows how white text looks on a background with the YUV color 193.5000, -28.3475,



# 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

193.5000, -28.3475, 39.0265

### Protanopia

191.5570, -24.9246, 14.4205

### Deuteranopia

192.7550, -28.4732, 32.6639



## Tritanopia

196.8140, -4.3453, 40.5051

# Trichromacy



## Original Color

193.5000, -28.3475, 39.0265

## Protanomaly

192.2700, -26.2621, 23.4422

## Deuteranomaly

193.0650, -28.6260, 35.0230

## Tritanomaly

195.8110, -13.2178, 39.6308

# Monochromacy



## Original Color

193.5000, -28.3475, 39.0265

## Achromatopsia

194.0000, 0.0000, 0.0000

## Achromatomaly

194.0420, -10.3737, 13.9952

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 193.5000, -28.3475, 39.0265 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(238, 182, 136)` looks like.

```
.text, #text, p{  
    color:rgb(238, 182, 136)  
}
```

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(238, 182, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 182, 136) }
```

## Border

The CSS property to change the border of an element to YUV 193.5000, -28.3475, 39.0265 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(238, 182, 136) }
```



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

```
.border{ border-color:rgb(238, 182, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 182, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 182, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 182, 136);  
box-shadow:4px 4px 4px 4px rgb(238, 182,  
136) }
```

# Background

The CSS property to change the background color of an element to YUV 193.5000, -28.3475, 39.0265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 182, 136) }
```

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

```
.background{ background-color: rgb(238,  
182, 136) }
```

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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