

# Converting Colors

YUV(197.9300, -30.5315,  
39.5264)

Have a look what the booklet for  
YUV(197.9300, -30.5315, 39.5264)  
contains.

<b>YUV(197.9300, -30.5315, 39.5264)</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(197.9300, -30.5315,  
39.5264)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F3BB88
RGB	243, 187, 136
RGB Percent	95%, 73%, 53%
CMY	0.0471, 0.2667, 0.4667
CMYK	0.00, 0.23, 0.44, 0.05
HSL	29°, 82%, 74%
HSV	29°, 44%, 95%
XYZ	59.1764, 56.3729, 31.0547
YIQ	197.9300, 49.7470, -3.9890

# Conversions

## Conversions Part 2

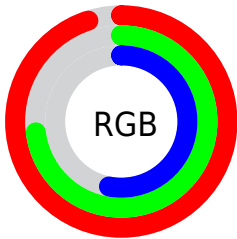
Format	Color
R <sub>Y</sub> B	243, 233, 136
Decimal	15973256
CIE Lab	79.83, 13.91, 33.57
CIE LCh	80, 36.333, 67.498
Yxy	56.3729, 0.4036, 0.3845
Android (android.graphics.Color)	4294163336 (0xFF3BB88)
YUV	197.9300, -30.5315, 39.5264
Hunter-Lab	75.0819, 9.2929, 28.0343

# Details

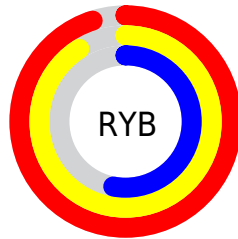
The YUV color  $197.9300, -30.5315, 39.5264$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $181.0700, 30.5315, -39.5264$ , and the grayscale version is  $198.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $240.5460, -24.9192, 12.6762$ , and  $143.6630, -28.9209, 36.2525$  is the 20% darker color. If you saturate the color by 10%, you get  $187.5630, -37.2526, 48.6182$ , and if you desaturate by 10%, it is  $208.2970, -23.8104, 30.4345$ .

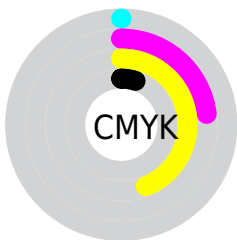
# Distribution



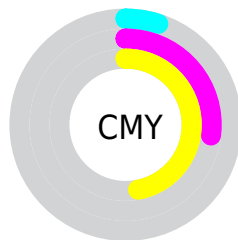
- Red (95%)
- Green (73%)
- Blue (53%)



- Red (95%)
- Yellow (91%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (44%)
- Black (5%)



- Cyan (5%)
- Magenta (27%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 197.9300, -30.5315, 39.5264 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 197.9300, -30.5315, 39.5264 by changing the saturation by 10% instead.



197.9300,  
-30.5315, 39.5264

197.9300,  
-30.5315, 39.5264

255.0000, 0.0000,  
0.0000

170.4460,  
-29.7999, 38.1969

240.5460,  
-24.9192, 12.6762

143.6630,  
-28.9209, 36.2525

250.7820,  
-16.1615, 3.6992

116.9940,  
-27.6050, 34.2083

253.9740, -3.9312,  
0.8998

92.2110, -26.7260,  
32.2640

68.0150, -26.1364,  
29.8048

45.6170, -22.4892,  
26.6459

25.5160, -12.5794,

21.4725

■ 7.8880, -3.3958,  
15.8842

■ 0.0000, 0.0000,  
0.0000

■ 197.9300,  
-30.5315, 39.5264

■ 197.9300,  
-30.5315, 39.5264

■ 187.5630,  
-37.2526, 48.6182

■ 208.2970,  
-23.8104, 30.4345

■ 177.6690,  
-44.6998, 57.2953

■ 218.1910,  
-16.3632, 21.7575

■ 167.3020,  
-51.4209, 66.3871

■ 228.5580, -9.6421,  
12.6656

■ 156.9350,  
-58.1420, 75.4790

■ 238.9250, -2.9210,  
3.5738

■ 146.5680,  
-64.8630, 84.5709

■ 249.0640, 2.9264,  
-5.3181

■ 140.7490,  
-69.3893, 89.6741

■ 251.4120, 1.7689,  
-7.3773

# Harmonies

## Analogous

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



198.1560, -19.7969, 49.8522



197.9300, -30.5315, 39.5264



195.3200, -32.2028, 15.5054

# Triad

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



197.9300, -30.5315, 39.5264



179.8660, 12.8841, -72.6735



201.5970, 24.8487, 10.0004

# Complementary

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



197.9300, -30.5315, 39.5264



181.0700, 30.5315, -39.5264

# 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.



194.6310, 29.7619, -25.9864



197.9300, -30.5315, 39.5264



177.8550, 29.6515, -84.0648

# Square

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



197.9300, -30.5315, 39.5264



185.7760, -7.2846, -43.6536



185.2520, 34.3858, -62.4880



203.1140, 10.7898, 39.3650



# Rectangle

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



197.9300, -30.5315, 39.5264



192.4640, -27.3438, -3.0379



185.2520, 34.3858, -62.4880



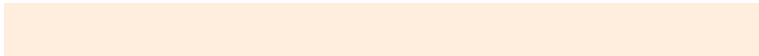
199.8020, 27.2126, -1.5804

# Sweetspot

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



197.9300, -30.5315, 39.5264



241.2590, -9.4947, 12.0509



174.4910, 9.1249, 60.0824



119.1490, -5.9895, 7.7623



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.



197.9300, -30.5315, 39.5264



197.9330, -38.4210, 50.0478



228.4540, -45.5798, 12.7568



117.1100, -3.5052, 4.2885



107.8570, -53.1735, 68.5314



34.0770, -16.8000, 21.8575

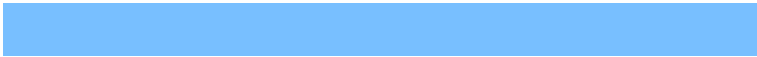


# Inverse Universe

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



181.0700, 30.5315, -39.5264



177.0670, 38.4210, -50.0478



150.5460, 45.5798, -12.7568



115.4770, 3.2158, -4.8033



78.1430, 53.1735, -68.5314



24.9230, 16.8000, -21.8575



# Previews

## White Background



This preview shows how the YUV color 197.9300, -30.5315, 39.5264 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 197.9300, -30.5315, 39.5264 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 197.9300, -30.5315, 39.5264 Background



This preview shows how black text looks on a background with the YUV color 197.9300, -30.5315, 39.5264.



This preview shows how white text looks on a background with the YUV color 197.9300, -30.5315,



# 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

197.9300, -30.5315, 39.5264

### Protanopia

196.2860, -27.2560, 15.5352

### Deuteranopia

197.7830, -30.9520, 34.3933



## Tritanopia

201.8140, -4.3453, 40.5051

# Trichromacy



## Original Color

197.9300, -30.5315, 39.5264

## Protanomaly

196.9990, -28.5935, 24.5569

## Deuteranomaly

197.7940, -30.9574, 36.1377

## Tritanomaly

200.5830, -14.0914, 39.8307

# Monochromacy



## Original Color

197.9300, -30.5315, 39.5264

## Achromatopsia

198.0000, 0.0000, 0.0000

## Achromatomaly

197.8140, -11.2473, 14.1951

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 197.9300, -30.5315, 39.5264 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(243, 187, 136)` looks like.

```
.text, #text, p{  
    color:rgb(243, 187, 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(243, 187, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 187, 136) }
```

## Border

The CSS property to change the border of an element to YUV 197.9300, -30.5315, 39.5264 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(243, 187, 136) }
```



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

```
.border{ border-color:rgb(243, 187, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 187, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 187, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 187, 136);  
box-shadow:4px 4px 4px 4px rgb(243, 187,  
136) }
```

# Background

The CSS property to change the background color of an element to YUV 197.9300, -30.5315, 39.5264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 187, 136) }
```

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

```
.background{ background-color: rgb(243,  
187, 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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