

# Converting Colors

YUV(183.9890, -43.3786,  
53.5066)

Have a look what the booklet for  
YUV(183.9890, -43.3786, 53.5066)  
contains.

<b>YUV(183.9890, -43.3786, 53.5066)</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(183.9890, -43.3786,  
53.5066)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5AA60
RGB	245, 170, 96
RGB Percent	96%, 67%, 38%
CMY	0.0392, 0.3333, 0.6235
CMYK	0.00, 0.31, 0.61, 0.04
HSL	30°, 88%, 67%
HSV	30°, 61%, 96%
XYZ	54.1422, 49.0065, 17.6719
YIQ	183.9890, 68.4540, -7.1140

# Conversions

## Conversions Part 2

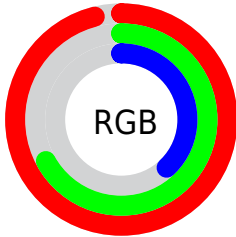
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 243, 96
Decimal	16099936
CIE Lab	75.46, 20.27, 48.59
CIE LCh	75, 52.647, 67.349
Yxy	49.0065, 0.4481, 0.4056
Android (android.graphics.Color)	4294290016 (0xFFFF5AA60)
YUV	183.9890, -43.3786, 53.5066
Hunter-Lab	70.0046, 15.5455, 34.0361

# Details

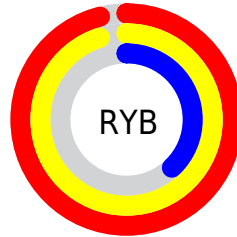
The YUV color **183.9890, -43.3786, 53.5066** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **157.0110, 43.3786, -53.5066**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.1920, -38.0557, 26.1416**, and **129.8250, -41.3257, 48.3885** is the 20% darker color. If you saturate the color by 10%, you get **174.2090, -50.3890, 62.0837**, and if you desaturate by 10%, it is **193.8830, -35.9313, 44.8296**.

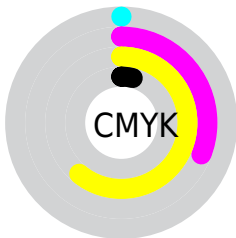
# Distribution



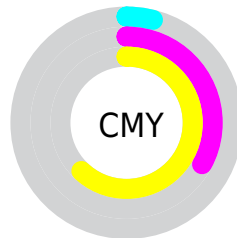
- Red (96%)
- Green (67%)
- Blue (38%)



- Red (96%)
- Yellow (95%)
- Blue (38%)



- Cyan (0%)
- Magenta (31%)
- Yellow (61%)
- Black (4%)



- Cyan (4%)
- Magenta (33%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 183.9890, -43.3786, 53.5066 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 183.9890, -43.3786, 53.5066 by changing the saturation by 10% instead.



183.9890,  
-43.3786, 53.5066

183.9890,  
-43.3786, 53.5066

255.0000, 0.0000,  
0.0000

156.3200,  
-42.0628, 51.4624

225.1920,  
-38.0557, 26.1416

129.8250,  
-41.3257, 48.3885

245.4070,  
-34.2177, 8.4131

103.1020,  
-41.4623, 45.5145

249.1860,  
-22.2767, 5.0989

78.4760, -38.6887,  
42.5555

252.3780,  
-10.0464, 2.2995

56.6030, -27.9053,  
37.1822

35.9040, -17.7007,  
30.7792

15.2160, -7.5015,

26.1206

■ 0.5980, -0.2948,  
1.2296

■ 0.0000, 0.0000,  
0.0000

■ 183.9890,  
-43.3786, 53.5066

■ 183.9890,  
-43.3786, 53.5066

■ 174.2090,  
-50.3890, 62.0837

■ 193.8830,  
-35.9313, 44.8296

■ 163.7280,  
-57.5469, 71.2755

■ 204.2500,  
-29.2102, 35.7378

■ 153.8340,  
-64.9942, 79.9526

■ 214.1440,  
-21.7630, 27.0607

■ 144.8690,  
-71.4204, 87.8149

■ 223.9240,  
-14.7525, 18.4837

■ 234.4050, -7.5947,  
9.2918

■ 244.1850, -0.5842,  
0.7148

■ 252.0100, 1.4741,  
-6.1478

# Harmonies

## Analogous

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



180.7620, -25.5187, 65.1067



183.9890, -43.3786, 53.5066



180.2700, -46.4751, 19.9342

# Triad

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



183.9890, -43.3786, 53.5066



146.3150, 24.9877, -128.3183



189.2800, 32.4000, 14.6634

# Complementary

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



183.9890, -43.3786, 53.5066



157.0110, 43.3786, -53.5066

# 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.



176.5130, 38.6941, -44.2999



183.9890, -43.3786, 53.5066



150.3850, 45.6592, -131.8876

# Square

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



183.9890, -43.3786, 53.5066



163.9700, -8.3662, -70.1337



147.0570, 53.2159, -128.9690



190.4180, 16.5559, 56.6384



# Rectangle

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



183.9890, -43.3786, 53.5066



176.8260, -39.8472, -5.9864



147.0570, 53.2159, -128.9690



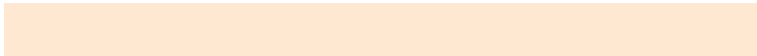
186.5120, 33.7646, -3.0800

# Sweetspot

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



183.9890, -43.3786, 53.5066



236.2550, -13.4367, 16.4394



149.3290, 11.6698, 83.9035



115.8890, -8.3263, 10.6213



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.



183.9890, -43.3786, 53.5066



178.6180, -54.0417, 66.9870



226.8400, -64.5041, 15.9263



117.1100, -3.5052, 4.2885



109.6180, -54.0417, 66.9870



34.6640, -17.0894, 21.3427



# Inverse Universe

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



157.0110, 43.3786, -53.5066



145.3820, 54.0417, -66.9870



114.1600, 64.5041, -15.9263



114.8900, 3.5052, -4.2885



76.3820, 54.0417, -66.9870



24.3360, 17.0894, -21.3427



# Previews

## White Background



This preview shows how the YUV color 183.9890, -43.3786, 53.5066 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 183.9890, -43.3786, 53.5066 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

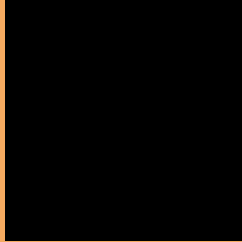
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 183.9890, -43.3786, 53.5066

## Background



This preview shows how black text looks on a background with the YUV color 183.9890, -43.3786, 53.5066.



This preview shows how white text looks on a background with the YUV color 183.9890, -43.3786, 53.5066.



# 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

183.9890, -43.3786, 53.5066

### Protanopia

182.1050, -39.4918, 20.0789

### Deuteranopia

183.0860, -43.9194, 40.2666



## Tritanopia

189.2780, -8.0251, 54.1302

# Trichromacy



## Original Color

183.9890, -43.3786, 53.5066

## Protanomaly

182.8400, -40.8401, 32.5893

## Deuteranomaly

183.2330, -43.4989, 45.3997

## Tritanomaly

187.2490, -20.8288, 54.1556

# Monochromacy



## Original Color

183.9890, -43.3786, 53.5066

## Achromatopsia

184.0000, 0.0000, 0.0000

## Achromatomaly

183.9950, -15.7735, 19.2984

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 183.9890, -43.3786, 53.5066 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(245, 170, 96)` looks like.

```
.text, #text, p{  
    color:rgb(245, 170, 96)  
}
```

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(245, 170, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 170, 96) }
```

## Border

The CSS property to change the border of an element to YUV 183.9890, -43.3786, 53.5066 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(245, 170, 96) }
```



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

```
.border{ border-color:rgb(245, 170, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 170, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 170, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 170, 96);  
box-shadow:4px 4px 4px 4px rgb(245, 170,  
96) }
```

# Background

The CSS property to change the background color of an element to YUV 183.9890, -43.3786, 53.5066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 170, 96) }
```

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

```
.background{ background-color: rgb(245,  
170, 96) }
```

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