

# Converting Colors

YUV(196.7470, -53.1193,  
51.0879)

Have a look what the booklet for  
YUV(196.7470, -53.1193, 51.0879)  
contains.

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# Color

**YUV(196.7470, -53.1193,  
51.0879)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBC59
RGB	255, 188, 89
RGB Percent	100%, 74%, 35%
CMY	0.0000, 0.2627, 0.6510
CMYK	0.00, 0.26, 0.65, 0.00
HSL	36°, 100%, 67%
HSV	36°, 65%, 100%
XYZ	61.0264, 57.9477, 17.4198
YIQ	196.7470, 71.7110, -16.5850

# Conversions

## Conversions Part 2

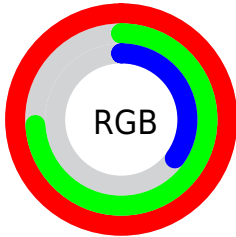
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 255, 89
Decimal	16759897
CIE <sub>Lab</sub>	80.71, 14.50, 58.17
CIE <sub>LCh</sub>	81, 59.947, 76.005
Yxy	57.9477, 0.4474, 0.4249
Android (android.graphics.Color)	4294949977 (0xFFFFBC59)
YUV	196.7470, -53.1193, 51.0879
Hunter-Lab	76.1234, 9.8835, 39.7187

# Details

The YUV color **196.7470, -53.1193, 51.0879** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **147.2530, 53.1193, -51.0879**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.6610, -46.1749, 16.9603**, and **141.2410, -52.3768, 46.2696** is the 20% darker color. If you saturate the color by 10%, you get **188.0270, -61.1453, 58.7353**, and if you desaturate by 10%, it is **205.5810, -44.6564, 43.3405**.

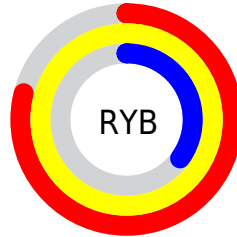
# Distribution



Red (100%)

Green (74%)

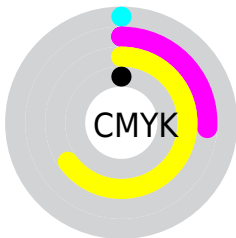
Blue (35%)



Red (79%)

Yellow (100%)

Blue (35%)

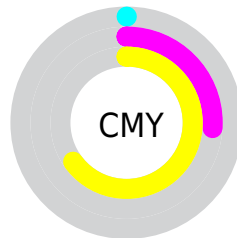


Cyan (0%)

Magenta (26%)

Yellow (65%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 196.7470, -53.1193, 51.0879 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 196.7470, -53.1193, 51.0879 by changing the saturation by 10% instead.



196.7470,  
-53.1193, 51.0879

196.7470,  
-53.1193, 51.0879

255.0000, 0.0000,  
0.0000

168.6650,  
-52.0928, 48.5288

235.6610,  
-46.1749, 16.9603

141.2410,  
-52.3768, 46.2696

245.3100,  
-37.1278, 8.4981

113.9050,  
-56.1552, 44.8103

248.5020,  
-24.8975, 5.6987

90.2600, -44.4982,  
39.2370

251.8080,  
-12.2303, 2.7994

68.3870, -33.7148,  
33.8636

47.1010, -23.2208,  
27.9754

27.2880, -13.4530,

21.6724

■ 8.9700, -4.4222,  
18.4433

■ 0.0000, 0.0000,  
0.0000

■ 196.7470,  
-53.1193, 51.0879

■ 196.7470,  
-53.1193, 51.0879

■ 188.0270,  
-61.1453, 58.7353

■ 205.5810,  
-44.6564, 43.3405

■ 178.6060,  
-69.3188, 66.9975

■ 214.8880,  
-36.9198, 35.1782

■ 169.8860,  
-77.3448, 74.6450

■ 223.7220,  
-28.4569, 27.4308

■ 165.4690,  
-81.5762, 78.5187

■ 232.4420,  
-20.4309, 19.7834

■ 241.2760,  
-11.9681, 12.0359

■ 250.5830, -4.2314,  
3.8737

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



188.1820, -32.6277, 58.5994



196.7470, -53.1193, 51.0879



192.4230, -51.9735, 10.1530

# Triad

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



196.7470, -53.1193, 51.0879



160.5290, 33.7562, -140.7839



203.8650, 25.2096, 34.3214

# Complementary

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



196.7470, -53.1193, 51.0879



147.2530, 53.1193, -51.0879

# 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.



191.6630, 31.2251, -28.6455



196.7470, -53.1193, 51.0879



161.1450, 46.2705, -141.3242

# Square

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



196.7470, -53.1193, 51.0879



158.7230, 6.0526, -121.6601



154.6880, 49.4538, -135.6614



193.9230, 17.2930, 53.5645



# Rectangle

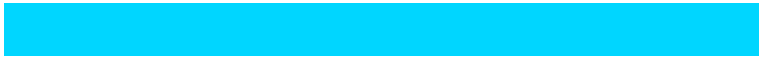
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



196.7470, -53.1193, 51.0879



187.6130, -40.2352, -21.5856



154.6880, 49.4538, -135.6614



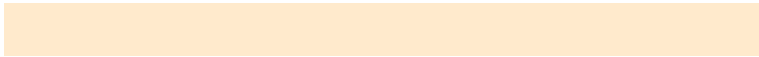
200.7980, 26.7216, 15.9632

# Sweetspot

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



196.7470, -53.1193, 51.0879



236.8590, -16.1995, 15.9097



146.5000, 5.6695, 95.1545



116.8350, -9.7787, 9.7917



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.



196.7470, -53.1193, 51.0879



185.3540, -63.7715, 61.0795



231.8900, -70.4448, 7.9895



122.9960, -3.9420, 4.3885



124.0270, -61.1453, 58.7353

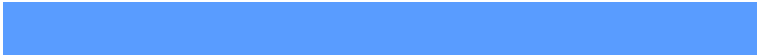


41.4420, -20.4309, 19.7834



# Inverse Universe

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



147.2530, 53.1193, -51.0879



125.6460, 63.7715, -61.0795



112.1100, 70.4448, -7.9895



119.4170, 4.2314, -3.8737



66.9730, 61.1453, -58.7353



22.5580, 20.4309, -19.7834



# Previews

## White Background



This preview shows how the YUV color 196.7470, -53.1193, 51.0879 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 196.7470, -53.1193, 51.0879 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 196.7470, -53.1193, 51.0879

## Background



This preview shows how black text looks on a background with the YUV color 196.7470, -53.1193, 51.0879.



This preview shows how white text looks on a background with the YUV color 196.7470, -53.1193, 51.0879.



# 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

196.7470, -53.1193, 51.0879

### Protanopia

195.2660, -50.4171, 24.3227

### Deuteranopia

196.6000, -53.5398, 45.9548



## Tritanopia

203.7930, -5.8139, 44.9085

# Trichromacy



## Original Color

196.7470, -53.1193, 51.0879

## Protanomaly

195.8050, -51.1759, 34.3740

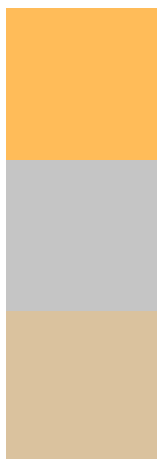
## Deuteranomaly

196.6110, -53.5452, 47.6992

## Tritanomaly

201.3360, -22.8436, 47.0633

# Monochromacy



## Original Color

196.7470, -53.1193, 51.0879

## Achromatopsia

197.0000, 0.0000, 0.0000

## Achromatomaly

197.0720, -19.2625, 18.3539

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 196.7470, -53.1193, 51.0879 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(255, 188, 89)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 89)  
}
```

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(255, 188, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 89) }
```

## Border

The CSS property to change the border of an element to YUV 196.7470, -53.1193, 51.0879 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(255, 188, 89) }
```



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

```
.border{ border-color:rgb(255, 188, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 89);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
89) }
```

# Background

The CSS property to change the background color of an element to YUV 196.7470, -53.1193, 51.0879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 89) }
```

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

```
.background{ background-color: rgb(255,  
188, 89) }
```

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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