

# Converting Colors

YUV(198.2550, -46.9607,  
35.7334)

Have a look what the booklet for  
YUV(198.2550, -46.9607, 35.7334)  
contains.

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# Color

**YUV(198.2550, -46.9607,  
35.7334)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFC467
RGB	239, 196, 103
RGB Percent	94%, 77%, 40%
CMY	0.0627, 0.2314, 0.5961
CMYK	0.00, 0.18, 0.57, 0.06
HSL	41°, 81%, 67%
HSV	41°, 57%, 94%
XYZ	57.7847, 58.8099, 21.1378
YIQ	198.2550, 55.4810, -19.8070

# Conversions

## Conversions Part 2

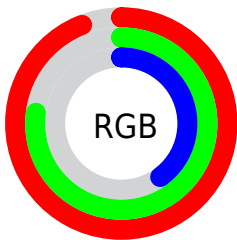
Format	Color
<a href="#">RYB</a>	<a href="#">166, 239, 103</a>
Decimal	<a href="#">15713383</a>
CIELab	<a href="#">81.19, 4.66, 51.76</a>
CIELCh	<a href="#">81, 51.968, 84.851</a>
Yxy	<a href="#">58.8099, 0.4195, 0.4270</a>
Android (android.graphics.Color)	<a href="#">4293903463</a> (0xFFEFC467)
YUV	<a href="#">198.2550, -46.9607, 35.7334</a>
Hunter-Lab	<a href="#">76.6876, 0.2979, 37.3389</a>

# Details

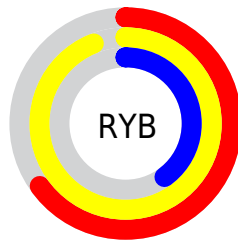
The YUV color  $198.2550, -46.9607, 35.7334$  is a light color, and the websafe version is hex  $\text{FFCC66}$ . A complement of this color would be  $143.7450, 46.9607, -35.7334$ , and the grayscale version is  $199.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $241.9530, -42.3748, 11.4422$ , and  $143.5750, -45.6395, 31.9447$  is the 20% darker color. If you saturate the color by 10%, you get  $190.8230, -55.1287, 42.2512$ , and if you desaturate by 10%, it is  $205.6870, -38.7927, 29.2155$ .

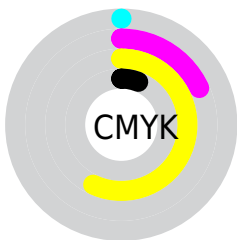
# Distribution



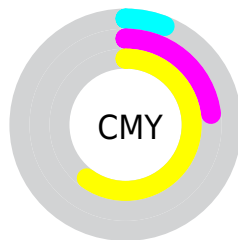
- Red (94%)
- Green (77%)
- Blue (40%)



- Red (65%)
- Yellow (94%)
- Blue (40%)



- Cyan (0%)
- Magenta (18%)
- Yellow (57%)
- Black (6%)



- Cyan (6%)
- Magenta (23%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 198.2550, -46.9607, 35.7334 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 198.2550, -46.9607, 35.7334 by changing the saturation by 10% instead.



198.2550,  
-46.9607, 35.7334

198.2550,  
-46.9607, 35.7334

255.0000, 0.0000,  
0.0000

170.4720,  
-46.0817, 33.7891

241.9530,  
-42.3748, 11.4422

143.5750,  
-45.6395, 31.9447

246.9060,  
-31.0127, 7.0984

116.5640,  
-45.6341, 30.2004

250.0980,  
-18.7823, 4.2991

91.3680, -45.0444,  
27.7413

253.4040, -6.1152,  
1.3997

69.2070, -34.1191,  
23.4975

48.2200, -23.7725,  
18.2241

29.0050, -14.2995,

13.1506

■ 5.0830, -2.5059,  
10.4512

■ 0.0000, 0.0000,  
0.0000

■ 198.2550,  
-46.9607, 35.7334

■ 198.2550,  
-46.9607, 35.7334

■ 190.8230,  
-55.1287, 42.2512

■ 205.6870,  
-38.7927, 29.2155

■ 183.9780,  
-63.5862, 48.2543

■ 212.5320,  
-30.3353, 23.2124

■ 176.5460,  
-71.7542, 54.7722

■ 219.9640,  
-22.1673, 16.6946

■ 169.7010,  
-80.2116, 60.7752

■ 226.8090,  
-13.7098, 10.6915

■ 167.1420,  
-82.4010, 63.0195

■ 234.1270, -5.9786,  
4.2736

■ 240.9720, 2.4788,  
-1.7294

■ 246.6940, 4.0949,  
-6.7476

■ 250.2160, 2.3585,  
-9.8364

# Harmonies

## Analogous

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



195.3400, -35.6636, 52.3218



198.2550, -46.9607, 35.7334



193.6200, -40.7317, -2.2977

# Triad

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



198.2550, -46.9607, 35.7334



160.1360, 39.8660, -140.4393



207.1540, 23.5881, 41.0839

# Complementary

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



198.2550, -46.9607, 35.7334



143.7450, 46.9607, -35.7334

# 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.



199.4810, 27.3709, -5.6838



198.2550, -46.9607, 35.7334



158.7970, 47.4281, -139.2650

# Square

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



198.2550, -46.9607, 35.7334



166.6950, 11.9824, -110.2345



182.2510, 35.8653, -70.3801



196.0940, 7.8417, 51.6606



# Rectangle

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



198.2550, -46.9607, 35.7334



188.5330, -28.8568, -31.1624



182.2510, 35.8653, -70.3801



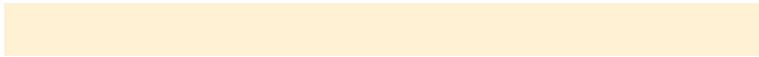
205.5930, 24.3577, 27.5439

# Sweetspot

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



198.2550, -46.9607, 35.7334



241.8800, -14.7308, 11.5062



148.5660, -1.2650, 79.3106



119.7530, -8.7522, 7.2326



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.



198.2550, -46.9607, 35.7334



202.9930, -59.6495, 45.6101



216.0210, -55.7194, -1.7724



116.2840, -4.0840, 3.2589



128.9780, -63.5862, 48.2543



39.0500, -19.2516, 14.8652



# Inverse Universe

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



143.7450, 46.9607, -35.7334



133.4200, 59.9389, -45.0953



125.9790, 55.7194, 1.7724



111.7160, 4.0840, -3.2589



55.0220, 63.5862, -48.2543



16.9500, 19.2516, -14.8651



# Previews

## White Background



This preview shows how the YUV color 198.2550, -46.9607, 35.7334 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

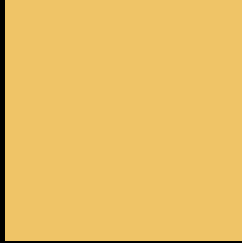
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 198.2550, -46.9607, 35.7334 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 198.2550, -46.9607, 35.7334

## Background



This preview shows how black text looks on a background with the YUV color 198.2550, -46.9607, 35.7334.



This preview shows how white text looks on a background with the YUV color 198.2550, -46.9607, 35.7334.

35.7334.

# 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

198.2550, -46.9607, 35.7334

### Protanopia

197.2210, -45.4650, 22.6082

### Deuteranopia

198.7120, -46.6930, 43.2256



## Tritanopia

205.1340, -3.0241, 36.7165

# Trichromacy



## Original Color

198.2550, -46.9607, 35.7334

## Protanomaly

197.7270, -46.2074, 27.4264

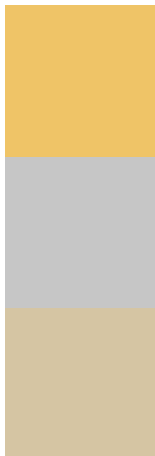
## Deuteranomaly

198.4020, -46.5402, 40.8664

## Tritanomaly

202.5950, -19.0273, 36.3122

# Monochromacy



## Original Color

198.2550, -46.9607, 35.7334

## Achromatopsia

198.0000, 0.0000, 0.0000

## Achromatomaly

197.9080, -17.2096, 13.2357

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 198.2550, -46.9607, 35.7334 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(239, 196, 103)` looks like.

```
.text, #text, p{  
    color:rgb(239, 196, 103)  
}
```

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(239, 196, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 196, 103) }
```

## Border

The CSS property to change the border of an element to YUV 198.2550, -46.9607, 35.7334 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(239, 196, 103) }
```



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

```
.border{ border-color:rgb(239, 196, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 196, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 196, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 196, 103);  
box-shadow:4px 4px 4px 4px rgb(239, 196,  
103) }
```

# Background

The CSS property to change the background color of an element to YUV 198.2550, -46.9607, 35.7334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 196, 103) }
```

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

```
.background{ background-color: rgb(239,  
196, 103) }
```

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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