

# Converting Colors

YUV(196.2260, -39.5514,  
39.2668)

Have a look what the booklet for  
YUV(196.2260, -39.5514, 39.2668)  
contains.

<b>YUV(196.2260, -39.5514, 39.2668)</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(196.2260, -39.5514,  
39.2668)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1BD74
RGB	241, 189, 116
RGB Percent	95%, 74%, 45%
CMY	0.0549, 0.2588, 0.5451
CMYK	0.00, 0.22, 0.52, 0.05
HSL	35°, 82%, 70%
HSV	35°, 52%, 95%
XYZ	57.6256, 56.3569, 24.3638
YIQ	196.2260, 54.4250, -11.6790

# Conversions

## Conversions Part 2

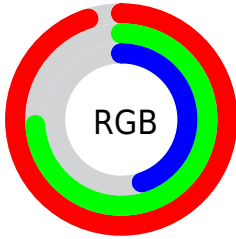
Format	Color
<a href="#">RYB</a>	205, 241, 116
Decimal	15842676
CIELab	79.82, 10.18, 43.78
CIELCh	80, 44.949, 76.908
Yxy	56.3569, 0.4165, 0.4074
Android (android.graphics.Color)	4294032756 (0xFFFF1BD74)
YUV	196.2260, -39.5514, 39.2668
Hunter-Lab	75.0712, 5.6441, 33.3078

# Details

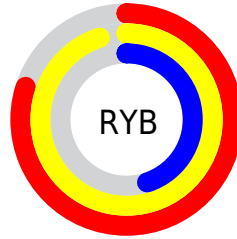
The YUV color **196.2260, -39.5514, 39.2668** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **160.7740, 39.5514, -39.2668**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.3260, -34.6707, 13.7461**, and **141.7740, -37.3566, 35.2782** is the 20% darker color. If you saturate the color by 10%, you get **187.6200, -47.1407, 46.8143**, and if you desaturate by 10%, it is **204.8320, -31.9622, 31.7193**.

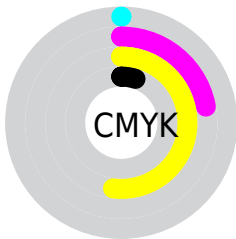
# Distribution



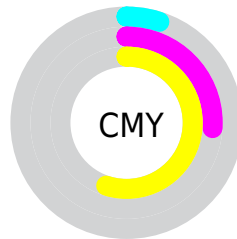
- Red (95%)
- Green (74%)
- Blue (45%)



- Red (80%)
- Yellow (95%)
- Blue (45%)



- Cyan (0%)
- Magenta (22%)
- Yellow (52%)
- Black (5%)



- Cyan (5%)
- Magenta (26%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 196.2260, -39.5514, 39.2668 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 196.2260, -39.5514, 39.2668 by changing the saturation by 10% instead.



196.2260,  
-39.5514, 39.2668

196.2260,  
-39.5514, 39.2668

255.0000, 0.0000,  
0.0000

168.4430,  
-38.6724, 37.3225

239.3260,  
-34.6707, 13.7461

141.7740,  
-37.3566, 35.2782

248.3880,  
-25.3343, 5.7987

115.8770,  
-36.9144, 33.4339

251.5800,  
-13.1039, 2.9993

89.8660, -36.9089,  
31.6895

254.8860, -0.4368,  
0.1000

66.2830, -32.6775,  
27.8158

45.5950, -22.4783,  
23.1572

26.0810, -12.8579,

17.4690

■ 6.2790, -3.0955,  
12.9103

■ 0.0000, 0.0000,  
0.0000

■ 196.2260,  
-39.5514, 39.2668

■ 196.2260,  
-39.5514, 39.2668

■ 187.6200,  
-47.1407, 46.8143

■ 204.8320,  
-31.9622, 31.7193

■ 179.0140,  
-54.7299, 54.3617

■ 213.4380,  
-24.3729, 24.1719

■ 170.4080,  
-62.3191, 61.9092

■ 222.0440,  
-16.7837, 16.6244

■ 161.8020,  
-69.9084, 69.4566

■ 230.6500, -9.1945,  
9.0769

154.8260,  
-76.3292, 75.5746

239.2560, -1.6052,  
1.5295

247.2920, 3.8000,  
-5.5181

250.8140, 2.0637,  
-8.6069

# Harmonies

## Analogous

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



194.7020, -27.9541, 52.8813



196.2260, -39.5514, 39.2668



192.4840, -37.7066, 7.4685

# Triad

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



196.2260, -39.5514, 39.2668



154.3340, 32.8663, -135.3509



202.9240, 25.6735, 25.4997

# Complementary

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



196.2260, -39.5514, 39.2668



160.7740, 39.5514, -39.2668

# 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.



195.2730, 29.4454, -17.7794



196.2260, -39.5514, 39.2668



155.8620, 48.8750, -136.6910

# Square

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



196.2260, -39.5514, 39.2668



178.0330, -0.5093, -70.1889



180.1800, 36.8863, -71.1949



199.1260, 9.3049, 49.0015



# Rectangle

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



196.2260, -39.5514, 39.2668



188.8060, -29.4844, -16.4929



180.1800, 36.8863, -71.1949



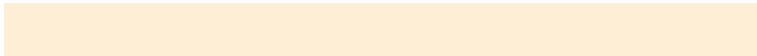
200.7760, 26.7324, 12.4744

# Sweetspot

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



196.2260, -39.5514, 39.2668



240.3470, -12.9891, 12.8507



159.3030, 4.2876, 71.6483



118.6930, -7.7366, 8.1622



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.



196.2260, -39.5514, 39.2668



198.2460, -49.9143, 49.7733



223.7600, -53.1257, 6.3495



115.6970, -3.7946, 3.7737



117.8250, -58.0877, 58.0355

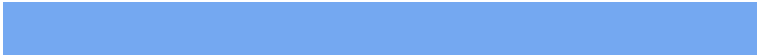


36.1150, -17.8047, 17.4391

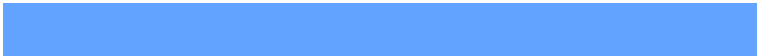


# Inverse Universe

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



160.7740, 39.5514, -39.2668



153.7540, 49.9143, -49.7733



133.2400, 53.1257, -6.3495



112.3030, 3.7946, -3.7737



65.5880, 58.3771, -57.5207



19.8850, 17.8047, -17.4391



# Previews

## White Background



This preview shows how the YUV color 196.2260, -39.5514, 39.2668 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

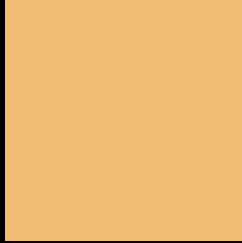
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 196.2260, -39.5514, 39.2668 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

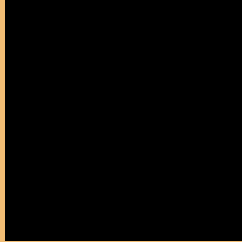
Any Text WCAG AA ✓ Pass

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 196.2260, -39.5514, 39.2668 Background



This preview shows how black text looks on a background with the YUV color 196.2260, -39.5514, 39.2668.



This preview shows how white text looks on a background with the YUV color 196.2260, -39.5514,



# 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

196.2260, -39.5514, 39.2668

### Protanopia

194.6750, -37.3078, 19.5790

### Deuteranopia

196.2260, -39.5514, 39.2668



## Tritanopia

201.8140, -4.3453, 40.5051

# Trichromacy



## Original Color

196.2260, -39.5514, 39.2668

## Protanomaly

195.4910, -38.2031, 26.7564

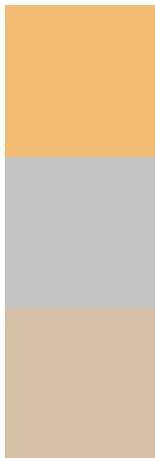
## Deuteranomaly

196.2260, -39.5514, 39.2668

## Tritanomaly

199.4860, -17.0016, 39.9158

# Monochromacy



## Original Color

196.2260, -39.5514, 39.2668

## Achromatopsia

196.0000, 0.0000, 0.0000

## Achromatomaly

195.7170, -14.1575, 14.2802

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 196.2260, -39.5514, 39.2668 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(241, 189, 116)` looks like.

```
.text, #text, p{  
    color:rgb(241, 189, 116)  
}
```

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(241, 189, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 189, 116) }
```

## Border

The CSS property to change the border of an element to YUV 196.2260, -39.5514, 39.2668 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(241, 189, 116) }
```



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

```
.border{ border-color:rgb(241, 189, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 189, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 189, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 189, 116);  
box-shadow:4px 4px 4px 4px rgb(241, 189,  
116) }
```

# Background

The CSS property to change the background color of an element to YUV 196.2260, -39.5514, 39.2668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 189, 116) }
```

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

```
.background{ background-color: rgb(241,  
189, 116) }
```

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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