

# Converting Colors

YUV(196.4690, -34.7412,  
36.4227)

Have a look what the booklet for  
YUV(196.4690, -34.7412, 36.4227)  
contains.

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# Color

**YUV(196.4690, -34.7412,  
36.4227)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEBD7E
RGB	238, 189, 126
RGB Percent	93%, 74%, 49%
CMY	0.0667, 0.2588, 0.5059
CMYK	0.00, 0.21, 0.47, 0.07
HSL	34°, 77%, 71%
HSV	34°, 47%, 93%
XYZ	57.2234, 56.0787, 27.5469
YIQ	196.4690, 49.4270, -9.2050

# Conversions

## Conversions Part 2

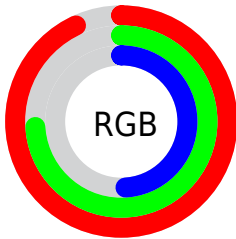
Format	Color
RYB	213, 238, 126
Decimal	15646078
CIELab	79.66, 9.88, 38.44
CIELCh	80, 39.684, 75.590
Yxy	56.0787, 0.4063, 0.3981
Android (android.graphics.Color)	4293836158 (0xFFEEBD7E)
YUV	196.4690, -34.7412, 36.4227
Hunter-Lab	74.8857, 5.3495, 30.6100

# Details

The YUV color  $196.4690, -34.7412, 36.4227$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $167.5310, 34.7412, -36.4227$ , and the grayscale version is  $197.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $240.4660, -30.3027, 12.7463$ , and  $142.3160, -32.6938, 33.0489$  is the 20% darker color. If you saturate the color by 10%, you get  $187.8630, -42.3305, 43.9701$ , and if you desaturate by 10%, it is  $205.0750, -27.1520, 28.8752$ .

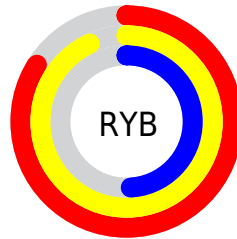
# Distribution



Red (93%)

Green (74%)

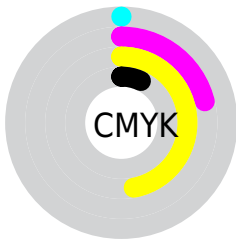
Blue (49%)



Red (84%)

Yellow (93%)

Blue (49%)

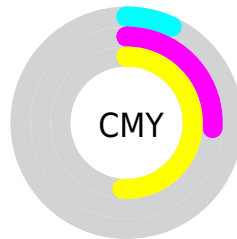


Cyan (0%)

Magenta (21%)

Yellow (47%)

Black (7%)



Cyan (7%)

Magenta (26%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 196.4690, -34.7412, 36.4227 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 196.4690, -34.7412, 36.4227 by changing the saturation by 10% instead.



196.4690,  
-34.7412, 36.4227

196.4690,  
-34.7412, 36.4227

255.0000, 0.0000,  
0.0000

168.9850,  
-34.0096, 35.0932

240.4660,  
-30.3027, 12.7463

142.3160,  
-32.6938, 33.0489

249.5280,  
-20.9663, 4.7989

115.9460,  
-31.5254, 31.6194

252.8340, -8.2992,  
1.8996

90.7500, -30.9357,  
29.1603

66.2120, -31.6565,  
27.0011

45.2960, -22.3309,  
22.5424

25.7820, -12.7105,

16.8542

■ 5.6810, -2.8007,  
11.6808

■ 0.0000, 0.0000,  
0.0000

■ 196.4690,  
-34.7412, 36.4227

■ 196.4690,  
-34.7412, 36.4227

■ 187.8630,  
-42.3305, 43.9701

■ 205.0750,  
-27.1520, 28.8752

■ 178.6700,  
-49.6303, 52.0324

■ 214.2680,  
-19.8521, 20.8130

■ 170.1780,  
-56.7828, 59.4799

■ 222.7600,  
-12.6997, 13.3655

■ 160.9850,  
-64.0826, 67.5422

■ 231.9530, -5.3998,  
5.3032

■ 152.3790,  
-71.6718, 75.0896

■ 240.5590, 2.1894,  
-2.2442

■ 149.8200,  
-73.8613, 77.3339

■ 247.5690, 3.6635,  
-8.3920

■ 249.9170, 2.5059,  
-10.4512

# Harmonies

## Analogous

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



196.7880, -25.0385, 51.0519



196.4690, -34.7412, 36.4227



192.9340, -33.4915, 8.8279

# Triad

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



196.4690, -34.7412, 36.4227



172.9330, 21.2320, -90.2722



202.2070, 23.0689, 20.8665

# Complementary

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



196.4690, -34.7412, 36.4227



167.5310, 34.7412, -36.4227

# 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.



195.5720, 29.2980, -17.1646



196.4690, -34.7412, 36.4227



172.8410, 37.5464, -96.3306

# Square

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



196.4690, -34.7412, 36.4227



181.4690, -1.7102, -58.2933



184.6760, 34.6697, -60.2289



201.3600, 7.7105, 47.0423



# Rectangle

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



196.4690, -34.7412, 36.4227



190.2240, -26.7324, -12.4744



184.6760, 34.6697, -60.2289



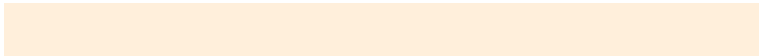
200.7540, 26.7433, 8.9857

# Sweetspot

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



196.4690, -34.7412, 36.4227



241.5040, -11.0945, 11.8360



165.1880, 5.3303, 63.8561



119.6220, -6.7156, 7.3475



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.



196.4690, -34.7412, 36.4227



202.3040, -44.5199, 46.2144



223.4380, -48.0369, 7.5089



115.6970, -3.7946, 3.7737



115.4770, -56.9302, 60.0947

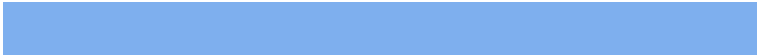


35.5280, -17.5153, 17.9539

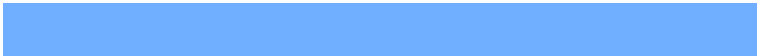


# Inverse Universe

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



167.5310, 34.7412, -36.4227



165.2830, 44.2305, -46.7292



140.5620, 48.0369, -7.5089



112.3030, 3.7946, -3.7737



67.9360, 57.2196, -59.5799



21.0590, 17.2259, -18.4687



# Previews

## White Background



This preview shows how the YUV color 196.4690, -34.7412, 36.4227 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

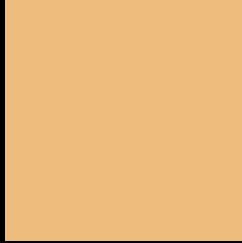
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 196.4690, -34.7412, 36.4227 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

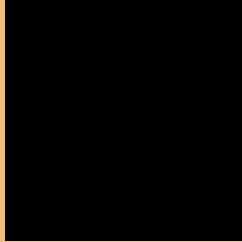
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 196.4690, -34.7412, 36.4227

## Background



This preview shows how black text looks on a background with the YUV color 196.4690, -34.7412, 36.4227.



This preview shows how white text looks on a background with the YUV color 196.4690, -34.7412, 36.4227.



# 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

196.4690, -34.7412, 36.4227

### Protanopia

195.2170, -32.6450, 17.3497

### Deuteranopia

196.4690, -34.7412, 36.4227



## Tritanopia

200.7320, -3.3189, 37.9460

# Trichromacy



## Original Color

196.4690, -34.7412, 36.4227

## Protanomaly

195.7340, -33.3929, 23.9123

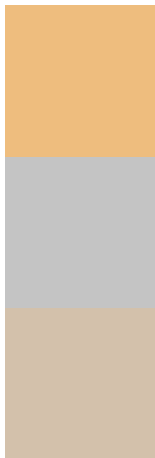
## Deuteranomaly

196.4690, -34.7412, 36.4227

## Tritanomaly

199.0450, -14.8122, 37.6715

# Monochromacy



## Original Color

196.4690, -34.7412, 36.4227

## Achromatopsia

196.0000, 0.0000, 0.0000

## Achromatomaly

195.8740, -12.2629, 13.2655

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 196.4690, -34.7412, 36.4227 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(238, 189, 126)` looks like.

```
.text, #text, p{  
    color:rgb(238, 189, 126)  
}
```

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(238, 189, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 189, 126) }
```

## Border

The CSS property to change the border of an element to YUV 196.4690, -34.7412, 36.4227 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(238, 189, 126) }
```



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

```
.border{ border-color:rgb(238, 189, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 189, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 189, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 189, 126);  
box-shadow:4px 4px 4px 4px rgb(238, 189,  
126) }
```

# Background

The CSS property to change the background color of an element to YUV 196.4690, -34.7412, 36.4227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 189, 126) }
```

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

```
.background{ background-color: rgb(238,  
189, 126) }
```

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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