

# Converting Colors

YUV(196.6680, -29.9093,  
26.6012)

Have a look what the booklet for  
YUV(196.6680, -29.9093, 26.6012)  
contains.

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# Color

**YUV(196.6680, -29.9093,  
26.6012)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3C188
RGB	227, 193, 136
RGB Percent	89%, 76%, 53%
CMY	0.1098, 0.2431, 0.4667
CMYK	0.00, 0.15, 0.40, 0.11
HSL	38°, 62%, 71%
HSV	38°, 40%, 89%
XYZ	55.1925, 56.2484, 31.2406
YIQ	196.6680, 38.5610, -10.5190

# Conversions

## Conversions Part 2

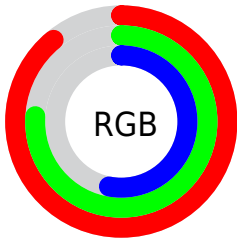
Format	Color
<a href="#">RYB</a>	<a href="#">190, 227, 136</a>
Decimal	<a href="#">14926216</a>
CIELab	<a href="#">79.75, 4.40, 33.18</a>
CIELCh	<a href="#">80, 33.474, 82.439</a>
Yxy	<a href="#">56.2484, 0.3868, 0.3942</a>
Android (android.graphics.Color)	<a href="#">4293116296 (0xFFE3C188)</a>
YUV	<a href="#">196.6680, -29.9093, 26.6012</a>
Hunter-Lab	<a href="#">74.9989, 0.1118, 27.8021</a>

# Details

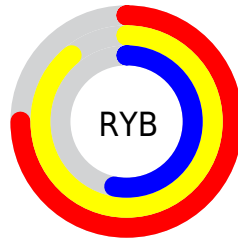
The YUV color **196.6680, -29.9093, 26.6012** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **166.3320, 29.9093, -26.6012**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.0680, -26.6555, 9.5874**, and **142.7000, -28.4461, 23.9421** is the 20% darker color. If you saturate the color by 10%, you get **189.3500, -37.6405, 33.0191**, and if you desaturate by 10%, it is **203.9860, -22.1781, 20.1833**.

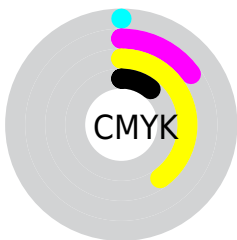
# Distribution



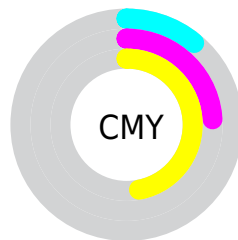
- Red (89%)
- Green (76%)
- Blue (53%)



- Red (75%)
- Yellow (89%)
- Blue (53%)



- Cyan (0%)
- Magenta (15%)
- Yellow (40%)
- Black (11%)



- Cyan (11%)
- Magenta (24%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 196.6680, -29.9093, 26.6012 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 196.6680, -29.9093, 26.6012 by changing the saturation by 10% instead.



■ 196.6680,  
-29.9093, 26.6012

■ 196.6680,  
-29.9093, 26.6012

255.0000, 0.0000,  
0.0000

■ 169.1840,  
-29.1777, 25.2716

■ 244.0680,  
-26.6555, 9.5874

■ 142.7000,  
-28.4461, 23.9421

■ 250.7820,  
-16.1615, 3.6992

■ 116.6290,  
-27.4251, 23.1274

■ 254.0880, -3.4944,  
0.7998

■ 91.8460, -26.5461,  
21.1831

■ 67.3620, -25.8145,  
19.8535

■ 45.2630, -22.3147,  
17.3093

■ 26.0480, -12.8417,

12.2359

■ 2.6910, -1.3267,  
5.5330

■ 0.0000, 0.0000,  
0.0000

■ 196.6680,  
-29.9093, 26.6012

■ 196.6680,  
-29.9093, 26.6012

■ 189.3500,  
-37.6405, 33.0191

■ 203.9860,  
-22.1781, 20.1833

■ 181.5590,  
-44.6456, 39.8518

■ 211.7770,  
-15.1731, 13.3506

■ 174.2410,  
-52.3768, 46.2696

■ 219.0950, -7.4418,  
6.9327

■ 166.3360,  
-59.8186, 53.2023

■ 227.0000, 0.0000,  
0.0000

159.0180,  
-67.5499, 59.6202

234.3180, 7.7312,  
-6.4179

151.2270,  
-74.5549, 66.4529

240.1710, 7.3107,  
-11.5510

244.8670, 4.9956,  
-15.6694

246.6280, 4.1274,  
-17.2138

# Harmonies

## Analogous

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



199.1570, -24.7274, 44.5893



196.6680, -29.9093, 26.6012



193.3120, -26.7758, 1.4804

# Triad

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



196.6680, -29.9093, 26.6012



180.8860, 19.2832, -71.8140



202.5080, 16.5116, 24.1105

# Complementary

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



196.6680, -29.9093, 26.6012



166.3320, 29.9093, -26.6012

# 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.



198.8830, 27.6657, -6.9134



196.6680, -29.9093, 26.6012



183.8940, 30.6183, -67.4360

# Square

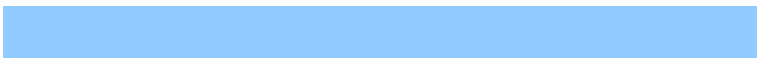
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



196.6680, -29.9093, 26.6012



184.1260, 1.9099, -52.7305



191.5860, 31.2631, -40.8559



202.2690, 2.3324, 45.3681



# Rectangle

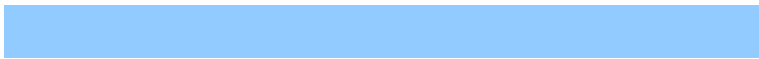
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



196.6680, -29.9093, 26.6012



190.7380, -19.5908, -16.4332



191.5860, 31.2631, -40.8559



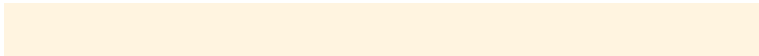
201.5930, 20.9067, 14.3889

# Sweetspot

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



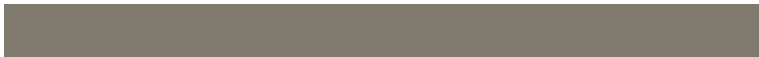
196.6680, -29.9093, 26.6012



245.0090, -10.3574, 8.7621



167.1990, 1.8739, 52.4455



121.8390, -5.8366, 5.4032



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.



196.6680, -29.9093, 26.6012



214.0900, -39.9774, 35.8781



213.3370, -38.1271, 2.3355



110.6970, -3.7946, 3.7737



119.2650, -58.7976, 52.3876



34.0330, -16.7783, 14.8801



# Inverse Universe

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



166.3320, 29.9093, -26.6012



173.3230, 40.2668, -35.3633



149.6630, 38.1271, -2.3355



107.3030, 3.7946, -3.7737



59.7350, 58.7976, -52.3876



16.9670, 16.7783, -14.8801



# Previews

## White Background



This preview shows how the YUV color 196.6680, -29.9093, 26.6012 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 196.6680, -29.9093, 26.6012 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

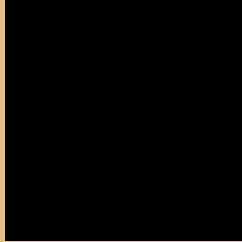
Any Text WCAG AA ✓ Pass

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 196.6680, -29.9093, 26.6012 Background



This preview shows how black text looks on a background with the YUV color 196.6680, -29.9093, 26.6012.



This preview shows how white text looks on a background with the YUV color 196.6680, -29.9093,



# 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

196.6680, -29.9093, 26.6012

### Protanopia

195.9440, -28.5664, 15.8351

### Deuteranopia

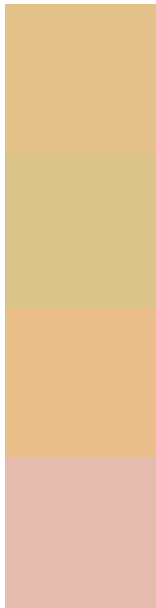
197.1250, -29.6416, 34.0934



## Tritanopia

201.2470, -1.1078, 28.7244

# Trichromacy



## Original Color

196.6680, -29.9093, 26.6012

## Protanomaly

196.1510, -29.1614, 20.0386

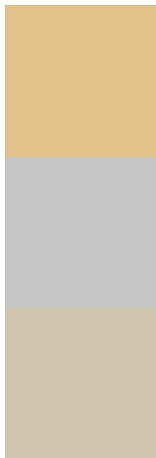
## Deuteranomaly

196.8150, -29.4888, 31.7342

## Tritanomaly

199.4890, -11.5801, 27.6351

# Monochromacy



## Original Color

196.6680, -29.9093, 26.6012

## Achromatopsia

197.0000, 0.0000, 0.0000

## Achromatomaly

197.1940, -10.9416, 9.4769

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 196.6680, -29.9093, 26.6012 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(227, 193, 136)` looks like.

```
.text, #text, p{  
    color:rgb(227, 193, 136)  
}
```

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(227, 193, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 193, 136) }
```

## Border

The CSS property to change the border of an element to YUV 196.6680, -29.9093, 26.6012 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(227, 193, 136) }
```



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

```
.border{ border-color:rgb(227, 193, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 193, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 193, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 193, 136); box-shadow:4px 4px 4px 4px rgb(227, 193, 136) }
```

# Background

The CSS property to change the background color of an element to YUV 196.6680, -29.9093, 26.6012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 193, 136) }
```

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

```
.background{ background-color: rgb(227,  
193, 136) }
```

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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