

# Converting Colors

YUV(196.6150, -29.8832,  
-28.6034)

Have a look what the booklet for  
YUV(196.6150, -29.8832, -28.6034)  
contains.

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# Color

**YUV(196.6150, -29.8832,  
-28.6034)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4E188
RGB	164, 225, 136
RGB Percent	64%, 88%, 53%
CMY	0.3569, 0.1176, 0.4667
CMYK	0.27, 0.00, 0.40, 0.12
HSL	101°, 60%, 71%
HSV	101°, 40%, 88%
XYZ	46.6790, 63.5205, 33.0930
YIQ	196.6150, -7.7870, -40.6110

# Conversions

## Conversions Part 2

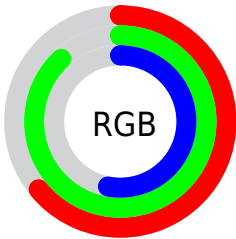
<b>Format</b>	<b>Color</b>
<b>RYB</b>	136, 225, 197
Decimal	10805640
CIELab	83.72, -35.32, 37.45
CIElCh	84, 51.483, 133.322
Yxy	63.5205, 0.3258, 0.4433
Android (android.graphics.Color)	4288995720 (0xFFA4E188)
YUV	196.6150, -29.8832, -28.6034
Hunter-Lab	79.6998, -34.9297, 31.1714

# Details

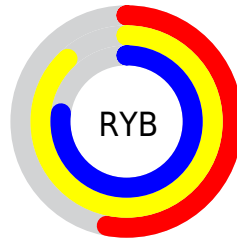
The YUV color  $196.6150, -29.8832, -28.6034$  is a light color, and the websafe version is hex  $99CC66$ . A complement of this color would be  $164.3850, 29.8832, 28.6034$ , and the grayscale version is  $197.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $237.4240, -23.3800, -14.4038$ , and  $141.7830, -27.9940, -27.8737$  is the 20% darker color. If you saturate the color by 10%, you get  $189.6220, -37.2816, -35.6255$ , and if you desaturate by 10%, it is  $203.7220, -22.0479, -21.6812$ .

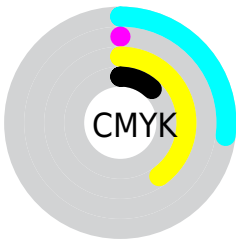
# Distribution



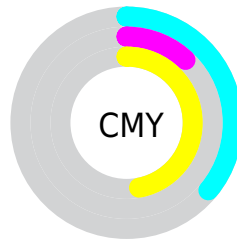
- Red (64%)
- Green (88%)
- Blue (53%)



- Red (53%)
- Yellow (88%)
- Blue (77%)



- Cyan (27%)
- Magenta (0%)
- Yellow (40%)
- Black (12%)



- Cyan (36%)
- Magenta (12%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 196.6150, -29.8832, -28.6034 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 196.6150, -29.8832, -28.6034 by changing the saturation by 10% instead.



■ 196.6150,  
-29.8832, -28.6034

■ 196.6150,  
-29.8832, -28.6034

255.0000, 0.0000,  
0.0000

■ 169.1420,  
-29.1570, -28.1885

■ 237.4240,  
-23.3800, -14.4038

■ 141.7830,  
-27.9940, -27.8737

■ 249.2870,  
-15.4245, 0.6253

■ 115.5980,  
-27.4098, -28.5884

■ 254.0880, -3.4944,  
0.7998

■ 89.8260, -26.5362,  
-28.7884

■ 63.5870, -27.4044,  
-30.3328

■ 39.3290, -19.3892,  
-34.4915

■ 26.4150, -13.0226,

-23.1660

■ 12.3270, -6.0772,  
-10.8108

■ 0.0000, 0.0000,  
0.0000

■ 196.6150,  
-29.8832, -28.6034

■ 196.6150,  
-29.8832, -28.6034

■ 189.6220,  
-37.2816, -35.6255

■ 203.7220,  
-22.0479, -21.6812

■ 182.2160,  
-44.9695, -43.1624

■ 211.0140,  
-14.7969, -14.0443

■ 175.1090,  
-52.8047, -50.0846

■ 218.0070, -7.3985,  
-7.0221

■ 167.8170,  
-60.0558, -57.7215

■ 225.4130, 0.2894,  
0.5148

■ 160.8240,  
-67.4542, -64.7436

■ 232.4060, 7.6878,  
7.5369

■ 153.4180,  
-75.1421, -72.2806

■ 237.3900, 8.6817,  
15.4440

■ 153.3040,  
-75.5789, -72.1806

# Harmonies

## Analogous

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



202.9810, -44.8536, 13.1717



196.6150, -29.8832, -28.6034



185.2940, -3.1029, -78.3108

# Triad

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



196.6150, -29.8832, -28.6034



177.6340, 38.1414, -100.5340



197.5810, -4.2304, 50.3565

# Complementary

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



196.6150, -29.8832, -28.6034



164.3850, 29.8832, 28.6034

# 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.



204.9280, 16.3045, 43.9131



196.6150, -29.8832, -28.6034



200.8220, 26.7098, -27.0309

# Square

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



196.6150, -29.8832, -28.6034



164.6670, 44.5342, -144.4130



211.4850, 21.4529, 25.8847



198.3210, -26.7803, 49.7075



# Rectangle

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



196.6150, -29.8832, -28.6034



161.6400, 25.3205, -141.7583



211.4850, 21.4529, 25.8847



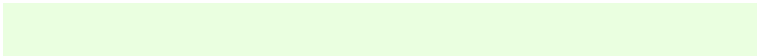
198.8180, 3.0477, 49.2716

# Sweetspot

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



196.6150, -29.8832, -28.6034



245.1870, -10.4452, -9.8110



198.4180, -30.7721, 23.3124



122.0610, -5.9461, -6.1925



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

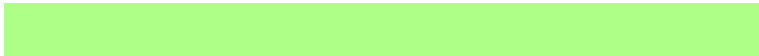


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



196.6150, -29.8832, -28.6034



216.8020, -40.3284, -38.4144



190.0670, -18.7670, -47.4168



108.6530, -3.7729, -3.2037



119.7570, -59.0402, -56.7919



32.6610, -16.1019, -15.4887



# Inverse Universe

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



164.3850, 29.8832, 28.6034



173.1980, 40.3284, 38.4144



170.9330, 18.7670, 47.4168



104.6460, 3.6255, 3.8185



56.2430, 59.0402, 56.7919



15.3390, 16.1019, 15.4887



# Previews

## White Background



This preview shows how the YUV color 196.6150, -29.8832, -28.6034 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 196.6150, -29.8832, -28.6034 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

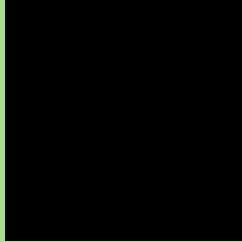
Any Text WCAG AA ✓ Pass

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 196.6150, -29.8832, -28.6034 Background



This preview shows how black text looks on a background with the YUV color 196.6150, -29.8832, -28.6034.



This preview shows how white text looks on a background with the YUV color 196.6150, -29.8832, -28.6034.

-28.6034.

# 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**

196.6150, -29.8832, -28.6034

**Protanopia**

204.6750, -37.3078, 19.5790

**Deuteranopia**

207.4520, -32.2678, 36.4376



## Tritanopia

205.4730, 12.5848, -23.2168

# Trichromacy



## Original Color

196.6150, -29.8832, -28.6034



## Protanomaly

201.6620, -34.3434, 2.0504



## Deuteranomaly

203.2380, -31.1763, 12.9463



## Tritanomaly

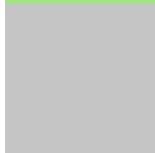
202.3360, -3.1236, -24.8507

# Monochromacy



## Original Color

196.6150, -29.8832, -28.6034



## Achromatopsia

197.0000, 0.0000, 0.0000



## Achromatomaly

196.7740, -10.7346, -10.3258

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 196.6150, -29.8832, -28.6034 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(164, 225, 136)` looks like.

```
.text, #text, p{  
    color:rgb(164, 225, 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(164, 225, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 225, 136) }
```

## Border

The CSS property to change the border of an element to YUV 196.6150, -29.8832, -28.6034 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(164, 225, 136) }
```



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

```
.border{ border-color:rgb(164, 225, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 225, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 225, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 225, 136);  
box-shadow:4px 4px 4px 4px rgb(164, 225,  
136) }
```

# Background

The CSS property to change the background color of an element to YUV 196.6150, -29.8832, -28.6034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 225, 136) }
```

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

```
.background{ background-color: rgb(164,  
225, 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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