

# Converting Colors

YUV(183.7040, -31.8991,  
-82.1784)

Have a look what the booklet for  
YUV(183.7040, -31.8991, -82.1784)  
contains.

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# Color

**YUV(183.7040, -31.8991,  
-82.1784)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AF477
RGB	90, 244, 119
RGB Percent	35%, 96%, 47%
CMY	0.6471, 0.0431, 0.5333
CMYK	0.63, 0.00, 0.51, 0.04
HSL	131°, 88%, 65%
HSV	131°, 63%, 96%
XYZ	39.8969, 68.2069, 28.5152
YIQ	183.7040, -51.6590, -71.5230

# Conversions

## Conversions Part 2

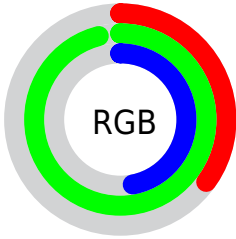
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">90, 220, 244</a>
Decimal	<a href="#">5960823</a>
CIELab	<a href="#">86.11, -65.76, 48.09</a>
CIELCh	<a href="#">86, 81.467, 143.819</a>
Yxy	<a href="#">68.2069, 0.2920, 0.4992</a>
Android (android.graphics.Color)	<a href="#">4284150903 (0xFF5AF477)</a>
YUV	<a href="#">183.7040, -31.8991, -82.1784</a>
Hunter-Lab	<a href="#">82.5875, -58.2972, 37.3400</a>

# Details

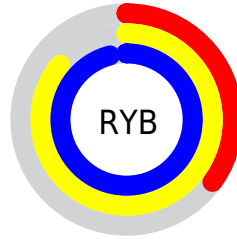
The YUV color **183.7040, -31.8991, -82.1784** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **150.2960, 31.8991, 82.1784**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.4530, -20.9293, -53.8943**, and **116.7060, -24.9981, -102.3512** is the 20% darker color. If you saturate the color by 10%, you get **174.2480, -37.0973, -94.9335**, and if you desaturate by 10%, it is **193.1600, -26.7009, -69.4233**.

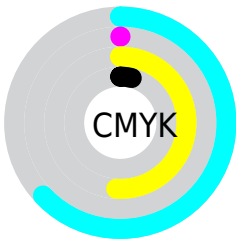
# Distribution



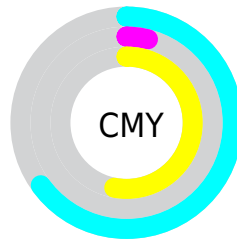
- Red (35%)
- Green (96%)
- Blue (47%)



- Red (35%)
- Yellow (86%)
- Blue (96%)



- Cyan (63%)
- Magenta (0%)
- Yellow (51%)
- Black (4%)



- Cyan (65%)
- Magenta (4%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 183.7040, -31.8991, -82.1784 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 183.7040, -31.8991, -82.1784 by changing the saturation by 10% instead.



183.7040,  
-31.8991, -82.1784

183.7040,  
-31.8991, -82.1784

255.0000, 0.0000,  
0.0000

152.3550,  
-29.2620, -88.0113

215.4530,  
-20.9293, -53.8943

116.7060,  
-24.9981, -102.3512

228.0280,  
-12.8318, -37.7356

97.8930, -28.5412,  
-85.8522

240.4890, -5.1711,  
-21.4769

77.5810, -35.2894,  
-68.0385

252.3090, 1.3267,  
-5.5330

61.6350, -30.3861,  
-54.0539

46.3730, -22.8619,  
-40.6691

32.8720, -16.2059,

-28.8287

■ 17.6100, -8.6817,  
-15.4440

■ 0.0000, 0.0000,  
0.0000

■ 183.7040,  
-31.8991, -82.1784

■ 183.7040,  
-31.8991, -82.1784

■ 174.2480,  
-37.0973, -94.9335

■ 193.1600,  
-26.7009, -69.4233

■ 164.4930,  
-42.1480, -108.3034

■ 202.9150,  
-21.6501, -56.0535

■ 155.1510,  
-46.9094, -121.1584

■ 212.2570,  
-16.8887, -43.1984

■ 148.4720,  
-50.5187, -130.2099

■ 222.0120,  
-11.8379, -29.8285

■ 231.4680, -6.6397,  
-17.0734

■ 240.9240, -1.4415,  
-4.3183

■ 248.5430, 3.1833,  
5.6628

# Harmonies

## Analogous

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



199.6990, -70.8436, -4.1210



183.7040, -31.8991, -82.1784



169.6810, 12.9753, -148.8102

# Triad

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



183.7040, -31.8991, -82.1784



163.4930, 45.1130, -143.3834



180.5460, -11.1152, 65.2962

# Complementary

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



183.7040, -31.8991, -82.1784



150.2960, 31.8991, 82.1784

# 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.



186.3890, 23.9652, 60.1718



183.7040, -31.8991, -82.1784



203.2580, 25.5088, -15.1353

# Square

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



183.7040, -31.8991, -82.1784



172.8850, 40.4827, -151.6201



203.9310, 25.1770, 44.7875



189.2300, -48.9204, 57.6803



# Rectangle

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



183.7040, -31.8991, -82.1784



176.4240, 36.2730, -154.7238



203.9310, 25.1770, 44.7875



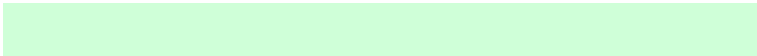
180.4610, 1.2517, 65.3707

# Sweetspot

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



183.7040, -31.8991, -82.1784



236.2020, -9.9596, -25.6102



218.0720, -63.1395, -1.8171



116.2940, -6.0609, -16.0438



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.



183.7040, -31.8991, -82.1784



179.0960, -39.9803, -103.5702



192.3680, 1.2976, -89.7767



117.2720, -2.5991, -6.3775



113.1720, -38.5388, -99.2518



35.8870, -12.2693, -31.4729



# Inverse Universe

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



150.2960, 31.8991, 82.1784



137.0180, 40.4171, 103.4702



141.6320, -1.2976, 89.7767



114.7280, 2.5991, 6.3775



72.8280, 38.5388, 99.2518

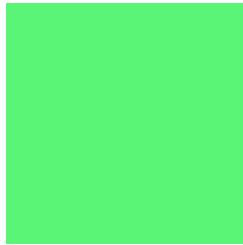


23.1130, 12.2693, 31.4729



# Previews

## White Background



This preview shows how the YUV color 183.7040, -31.8991, -82.1784 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 183.7040, -31.8991, -82.1784 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 183.7040, -31.8991, -82.1784 Background



This preview shows how black text looks on a background with the YUV color 183.7040, -31.8991, -82.1784.



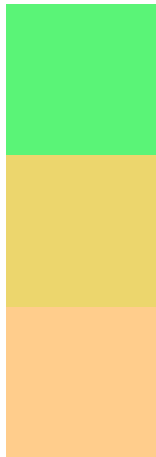
This preview shows how white text looks on a background with the YUV color 183.7040, -31.8991, -82.1784.

-82.1784.

# 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

183.7040, -31.8991, -82.1784

### Protanopia

208.6080, -49.1067, 24.0228

### Deuteranopia

212.5400, -35.7622, 37.2374



## Tritanopia

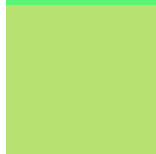
200.9560, 23.1927, -65.7364

# Trichromacy



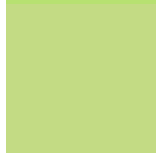
## Original Color

183.7040, -31.8991, -82.1784



## Protanomaly

199.6740, -42.7303, -14.6231



## Deuteranomaly

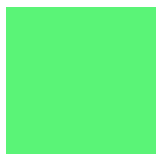
201.9060, -34.4637, -6.0566



## Tritanomaly

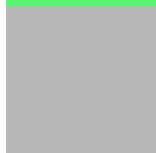
194.6460, 3.1325, -71.6035

# Monochromacy



## Original Color

183.7040, -31.8991, -82.1784



## Achromatopsia

184.0000, 0.0000, 0.0000



## Achromatomaly

184.0120, -11.8379, -29.8285

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 183.7040, -31.8991, -82.1784 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(90, 244, 119)` looks like.

```
.text, #text, p{  
    color:rgb(90, 244, 119)  
}
```

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(90, 244, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 244, 119) }
```

## Border

The CSS property to change the border of an element to YUV 183.7040, -31.8991, -82.1784 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(90, 244, 119) }
```



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

```
.border{ border-color:rgb(90, 244, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 244, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 244, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 244, 119);  
box-shadow:4px 4px 4px 4px rgb(90, 244,  
119) }
```

# Background

The CSS property to change the background color of an element to YUV 183.7040, -31.8991, -82.1784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 244, 119) }
```

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

```
.background{ background-color: rgb(90, 244,  
119) }
```

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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