

# Converting Colors

YUV(185.2370, -13.4278,  
-80.0148)

Have a look what the booklet for  
YUV(185.2370, -13.4278, -80.0148)  
contains.

<b>YUV(185.2370, -13.4278, -80.0148)</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(185.2370, -13.4278,  
-80.0148)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EED9E
RGB	94, 237, 158
RGB Percent	37%, 93%, 62%
CMY	0.6314, 0.0706, 0.3804
CMYK	0.60, 0.00, 0.33, 0.07
HSL	147°, 80%, 65%
HSV	147°, 60%, 93%
XYZ	41.0718, 65.4167, 42.8097
YIQ	185.2370, -59.8690, -54.8850

# Conversions

## Conversions Part 2

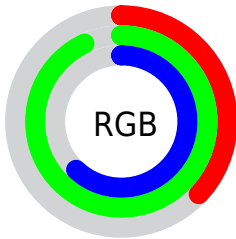
Format	Color
<b>RYB</b>	94, 193, 237
Decimal	6221214
CIELab	84.70, -56.03, 27.10
CIELCh	85, 62.241, 154.189
Yxy	65.4167, 0.2751, 0.4382
Android (android.graphics.Color)	4284411294 (0xFF5EED9E)
YUV	185.2370, -13.4278, -80.0148
Hunter-Lab	80.8806, -50.8972, 25.2345

# Details

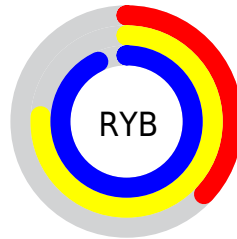
The YUV color **185.2370, -13.4278, -80.0148** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **145.7630, 13.4278, 80.0148**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.6110, -3.7522, -56.6638**, and **117.7440, -5.7898, -103.2615** is the 20% darker color. If you saturate the color by 10%, you get **176.5790, -15.5684, -93.4698**, and if you desaturate by 10%, it is **193.8950, -11.2872, -66.5599**.

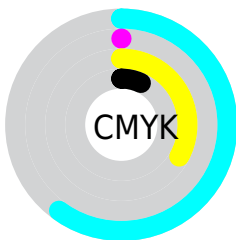
# Distribution



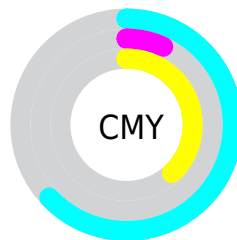
- Red (37%)
- Green (93%)
- Blue (62%)



- Red (37%)
- Yellow (76%)
- Blue (93%)



- Cyan (60%)
- Magenta (0%)
- Yellow (33%)
- Black (7%)



- Cyan (63%)
- Magenta (7%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 185.2370, -13.4278, -80.0148 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 185.2370, -13.4278, -80.0148 by changing the saturation by 10% instead.



185.2370,  
-13.4278, -80.0148

185.2370,  
-13.4278, -80.0148

255.0000, 0.0000,  
0.0000

154.7850,  
-11.2330, -84.0034

220.6110, -3.7522,  
-56.6638

117.7440, -5.7898,  
-103.2615

232.8870, 4.4927,  
-41.1199

98.4580, -8.6068,  
-86.3477

243.3390, 5.7489,  
-23.9763

80.4600, -11.5658,  
-70.5634

252.6080, 1.1793,  
-4.9182

62.5760, -14.0880,  
-54.8792

44.6920, -16.6102,  
-39.1949

29.9370, -14.7589,

-26.2547

■ 14.6750, -7.2348,  
-12.8700

■ 0.0000, 0.0000,  
0.0000

■ 185.2370,  
-13.4278, -80.0148

■ 185.2370,  
-13.4278, -80.0148

■ 176.5790,  
-15.5684, -93.4698

■ 193.8950,  
-11.2872, -66.5599

■ 168.2200,  
-17.8565, -106.3099

■ 202.2540, -8.9992,  
-53.7198

■ 159.5620,  
-19.9971, -119.7649

■ 210.9120, -6.8586,  
-40.2648

■ 151.2030,  
-22.2851, -132.6050

■ 219.5700, -4.7180,  
-26.8099

■ 227.9290, -2.4300,  
-13.9697

■ 236.7010, 0.1474,  
-0.6148

■ 243.8640, 3.0250,  
9.7663

■ 244.4340, 5.2090,  
9.2664

# Harmonies

## Analogous

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



198.4130, -43.5876, -19.6562



185.2370, -13.4278, -80.0148



166.3190, 25.4787, -145.8618

# Triad

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



185.2370, -13.4278, -80.0148



190.8560, 31.6230, -63.0177



192.4340, -21.4130, 54.8704

# Complementary

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



185.2370, -13.4278, -80.0148



145.7630, 13.4278, 80.0148

# 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.



194.1220, 5.3629, 53.3900



185.2370, -13.4278, -80.0148



209.9350, 22.2170, 14.0890

# Square

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



185.2370, -13.4278, -80.0148



164.6670, 44.5342, -144.4130



205.6920, 24.3088, 43.2431



199.7450, -46.7093, 48.4586



# Rectangle

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



185.2370, -13.4278, -80.0148



170.5370, 41.6403, -149.5609



205.6920, 24.3088, 43.2431



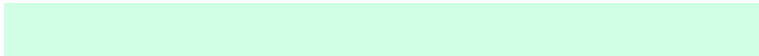
192.1380, -12.3930, 55.1300

# Sweetspot

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



185.2370, -13.4278, -80.0148



238.3960, -4.1392, -25.7803



202.1600, -53.3229, -23.8193



117.5050, -2.7140, -16.2289



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.



185.2370, -13.4278, -80.0148



188.4700, -16.9937, -103.0212



193.1030, 16.7112, -86.9133



113.0270, -0.9993, -6.1627



115.4810, -16.9991, -101.2768



34.4340, -5.1440, -30.1986



# Inverse Universe

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



145.7630, 13.4278, 80.0148



137.6440, 17.4305, 102.9212



137.8970, -16.7112, 86.9133



109.9730, 0.9993, 6.1627



65.5190, 16.9991, 101.2768

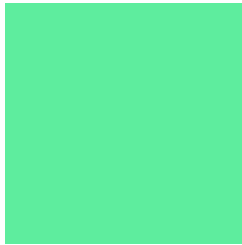


19.5660, 5.1440, 30.1986



# Previews

## White Background



This preview shows how the YUV color 185.2370, -13.4278, -80.0148 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 185.2370, -13.4278, -80.0148 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

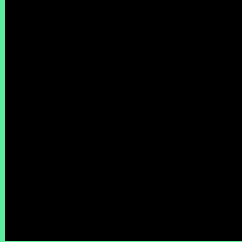
Any Text WCAG AA ✓ Pass

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 185.2370, -13.4278, -80.0148 Background



This preview shows how black text looks on a background with the YUV color 185.2370, -13.4278, -80.0148.



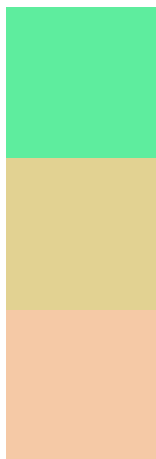
This preview shows how white text looks on a background with the YUV color 185.2370, -13.4278, -80.0148.

-80.0148.

# 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

185.2370, -13.4278, -80.0148

### Protanopia

207.4880, -30.3136, 16.2350

### Deuteranopia

210.1660, -21.7738, 30.5494



## Tritanopia

196.7710, 23.7769, -66.4512

# Trichromacy



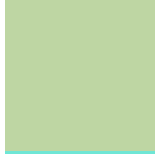
## Original Color

185.2370, -13.4278, -80.0148



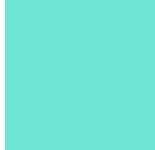
## Protanomaly

199.4620, -24.3848, -18.8222



## Deuteranomaly

201.0100, -18.7389, -9.6558



## Tritanomaly

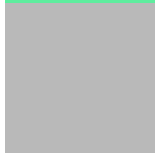
192.4810, 10.1159, -71.4588

# Monochromacy



## Original Color

185.2370, -13.4278, -80.0148



## Achromatopsia

185.0000, 0.0000, 0.0000



## Achromatomaly

185.1460, -5.0020, -29.0690

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 185.2370, -13.4278, -80.0148 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(94, 237, 158)` looks like.

```
.text, #text, p{  
    color:rgb(94, 237, 158)  
}
```

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(94, 237, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 237, 158) }
```

## Border

The CSS property to change the border of an element to YUV 185.2370, -13.4278, -80.0148 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(94, 237, 158) }
```



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

```
.border{ border-color:rgb(94, 237, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 237, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 237, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 237, 158);  
box-shadow:4px 4px 4px 4px rgb(94, 237,  
158) }
```

# Background

The CSS property to change the background color of an element to YUV 185.2370, -13.4278, -80.0148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 237, 158) }
```

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

```
.background{ background-color: rgb(94, 237,  
158) }
```

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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