

# Converting Colors

YUV(179.4760, -32.7727,  
-81.9785)

Have a look what the booklet for  
YUV(179.4760, -32.7727, -81.9785)  
contains.

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# Color

**YUV(179.4760, -32.7727,  
-81.9785)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56F071
RGB	86, 240, 113
RGB Percent	34%, 94%, 44%
CMY	0.6627, 0.0588, 0.5569
CMYK	0.64, 0.00, 0.53, 0.06
HSL	131°, 84%, 64%
HSV	131°, 64%, 94%
XYZ	37.9785, 65.4909, 26.2621
YIQ	179.4760, -51.0170, -72.1450

# Conversions

## Conversions Part 2

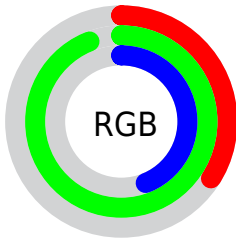
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">86, 217, 240</a>
Decimal	<a href="#">5697649</a>
CIELab	<a href="#">84.74, -65.93, 49.19</a>
CIELCh	<a href="#">85, 82.260, 143.277</a>
Yxy	<a href="#">65.4909, 0.2927, 0.5048</a>
Android (android.graphics.Color)	<a href="#">4283887729 (0xFF56F071)</a>
YUV	<a href="#">179.4760, -32.7727, -81.9785</a>
Hunter-Lab	<a href="#">80.9264, -57.8518, 37.4078</a>

# Details

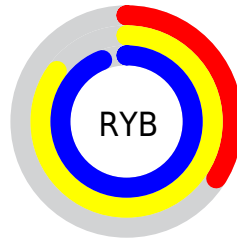
The YUV color **179.4760, -32.7727, -81.9785** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted spring green. A complement of this color would be **146.5240, 32.7727, 81.9785**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.5730, -22.9605, -55.7535**, and **114.2610, -26.7507, -100.2069** is the 20% darker color. If you saturate the color by 10%, you get **170.0200, -37.9709, -94.7335**, and if you desaturate by 10%, it is **188.9320, -27.5745, -69.2234**.

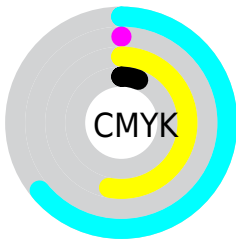
# Distribution



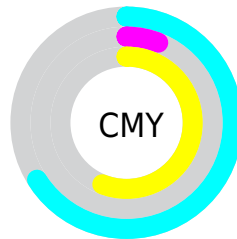
- Red (34%)
- Green (94%)
- Blue (44%)



- Red (34%)
- Yellow (85%)
- Blue (94%)



- Cyan (64%)
- Magenta (0%)
- Yellow (53%)
- Black (6%)



- Cyan (66%)
- Magenta (6%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 179.4760, -32.7727, -81.9785 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 179.4760, -32.7727, -81.9785 by changing the saturation by 10% instead.



■ 179.4760,  
-32.7727, -81.9785

■ 179.4760,  
-32.7727, -81.9785

■ 255.0000, 0.0000,  
0.0000

■ 147.5290,  
-29.8408, -89.0409

■ 213.5730,  
-22.9605, -55.7535

■ 114.2610,  
-26.7507, -100.2069

■ 226.0340,  
-15.2998, -39.4948

■ 94.7470, -30.4413,  
-83.0931

■ 238.6090, -7.2022,  
-23.3361

■ 75.1360, -37.0420,  
-65.8943

■ 251.1840, 0.8953,  
-7.1774

■ 59.2870, -29.2285,  
-51.9947

■ 44.6120, -21.9937,  
-39.1247

■ 30.5240, -15.0483,

-26.7695

■ 14.6750, -7.2348,  
-12.8700

■ 0.0000, 0.0000,  
0.0000

■ 179.4760,  
-32.7727, -81.9785

■ 179.4760,  
-32.7727, -81.9785

■ 170.0200,  
-37.9709, -94.7335

■ 188.9320,  
-27.5745, -69.2234

■ 160.5640,  
-43.1691, -107.4886

■ 198.3880,  
-22.3763, -56.4683

■ 151.2220,  
-47.9304, -120.3437

■ 207.7300,  
-17.6149, -43.6132


■ 145.6680,  
-51.1083, -127.7508

■ 217.1860,  
-12.4167, -30.8581

 226.6420, -7.2185,  
-18.1030

 236.0980, -2.0203,  
-5.3479

 245.5540, 3.1779,  
7.4071

 246.1950, 4.3409,  
7.7220

# Harmonies

## Analogous

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



194.9550, -72.4488, -2.5915



179.4760, -32.7727, -81.9785



166.7630, 11.9488, -146.2512

# Triad

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



179.4760, -32.7727, -81.9785



161.7320, 45.9811, -141.8390



176.6820, -10.6892, 68.6849

# Complementary

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



179.4760, -32.7727, -81.9785



146.5240, 32.7727, 81.9785

# 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.



183.1120, 24.1018, 63.0458



179.4760, -32.7727, -81.9785



198.5180, 27.8456, -17.9943

# Square

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



179.4760, -32.7727, -81.9785



171.1240, 41.3509, -150.0757



201.5830, 26.3346, 46.8467



185.9530, -48.7838, 60.5542



# Rectangle

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



179.4760, -32.7727, -81.9785



173.5060, 35.2465, -152.1648



201.5830, 26.3346, 46.8467



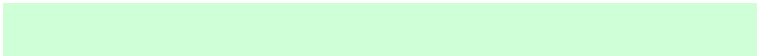
176.5970, 1.6777, 68.7594

# Sweetspot

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



179.4760, -32.7727, -81.9785



236.0880, -10.3964, -25.5102



214.6700, -63.4343, -0.5876



116.1800, -6.4977, -15.9439



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.



179.4760, -32.7727, -81.9785



177.9280, -41.8695, -104.2999



188.1400, 0.4240, -89.5768



115.2720, -2.5991, -6.3775



111.6560, -39.2704, -97.9223



34.0120, -11.8379, -29.8285



# Inverse Universe

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



146.5240, 32.7727, 81.9785



136.0720, 41.8695, 104.2999



137.8600, -0.4240, 89.5768



112.7280, 2.5991, 6.3775



72.2300, 38.8336, 98.0223

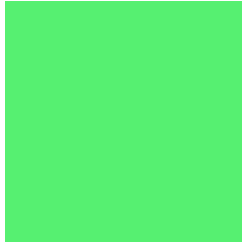


21.9880, 11.8379, 29.8285



# Previews

## White Background



This preview shows how the YUV color 179.4760, -32.7727, -81.9785 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 179.4760, -32.7727, -81.9785 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

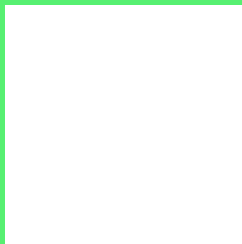
Any Text WCAG AAA ✓ Pass

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

# YUV 179.4760, -32.7727, -81.9785 Background



This preview shows how black text looks on a background with the YUV color 179.4760, -32.7727, -81.9785.



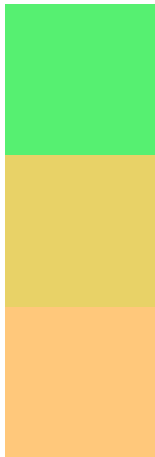
This preview shows how white text looks on a background with the YUV color 179.4760, -32.7727, -81.9785.

-81.9785.

# 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

179.4760, -32.7727, -81.9785

### Protanopia

204.3800, -49.9803, 24.2227

### Deuteranopia

207.6670, -41.7408, 41.5110



## Tritanopia

197.2550, 23.0453, -65.1216

# Trichromacy



## Original Color

179.4760, -32.7727, -81.9785



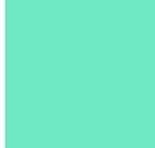
## Protanomaly

195.4460, -43.6039, -14.4231



## Deuteranomaly

197.7770, -38.8371, -3.3124



## Tritanomaly

190.8310, 2.5483, -70.8888

# Monochromacy



## Original Color

179.4760, -32.7727, -81.9785



## Achromatopsia

179.0000, 0.0000, 0.0000



## Achromatomaly

179.0120, -11.8379, -29.8285

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 179.4760, -32.7727, -81.9785 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(86, 240, 113)` looks like.

```
.text, #text, p{  
    color:rgb(86, 240, 113)  
}
```

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(86, 240, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 240, 113) }
```

## Border

The CSS property to change the border of an element to YUV 179.4760, -32.7727, -81.9785 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(86, 240, 113) }
```



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

```
.border{ border-color:rgb(86, 240, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 240, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 240, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 240, 113);  
box-shadow:4px 4px 4px 4px rgb(86, 240,  
113) }
```

# Background

The CSS property to change the background color of an element to YUV 179.4760, -32.7727, -81.9785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 240, 113) }
```

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

```
.background{ background-color: rgb(86, 240,  
113) }
```

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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