

# Converting Colors

YUV(187.9520, -37.9373,  
-58.7169)

Have a look what the booklet for  
YUV(187.9520, -37.9373, -58.7169)  
contains.

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# Color

**YUV(187.9520, -37.9373,  
-58.7169)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79ED6F
RGB	121, 237, 111
RGB Percent	47%, 93%, 44%
CMY	0.5255, 0.0706, 0.5647
CMYK	0.49, 0.00, 0.53, 0.07
HSL	115°, 78%, 68%
HSV	115°, 53%, 93%
XYZ	41.0386, 65.7810, 25.5730
YIQ	187.9520, -28.6900, -63.7780

# Conversions

## Conversions Part 2

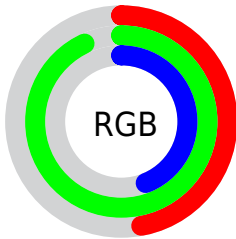
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 237, 227
Decimal	7990639
CIELab	84.88, -56.94, 50.54
CIELCh	85, 76.134, 138.405
Yxy	65.7810, 0.3100, 0.4969
Android (android.graphics.Color)	4286180719 (0xFF79ED6F)
YUV	187.9520, -37.9373, -58.7169
Hunter-Lab	81.1055, -51.6154, 38.0794

# Details

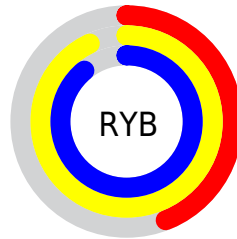
The YUV color **187.9520, -37.9373, -58.7169** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **160.0480, 37.9373, 58.7169**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.3150, -28.2563, -37.1103**, and **129.6140, -35.3057, -62.8055** is the 20% darker color. If you saturate the color by 10%, you get **178.6380, -45.1775, -69.8425**, and if you desaturate by 10%, it is **197.2660, -30.6971, -47.5913**.

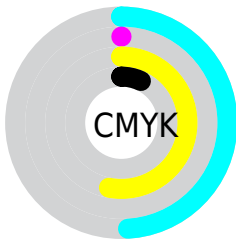
# Distribution



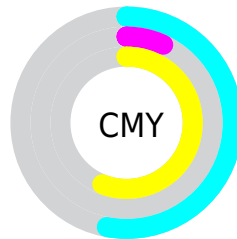
- Red (47%)
- Green (93%)
- Blue (44%)



- Red (44%)
- Yellow (93%)
- Blue (89%)



- Cyan (49%)
- Magenta (0%)
- Yellow (53%)
- Black (7%)



- Cyan (53%)
- Magenta (7%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 187.9520, -37.9373, -58.7169 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 187.9520, -37.9373, -58.7169 by changing the saturation by 10% instead.



■ 187.9520,  
-37.9373, -58.7169

■ 187.9520,  
-37.9373, -58.7169

255.0000, 0.0000,  
0.0000

■ 158.9950,  
-36.4795, -59.6316

■ 222.3150,  
-28.2563, -37.1103

■ 129.6140,  
-35.3057, -62.8055

■ 234.4770,  
-20.4482, -21.4663

■ 95.9220, -32.4995,  
-76.2306

■ 246.7530,  
-12.2032, -5.9224

■ 73.9620, -36.4633,  
-64.8647

254.5440, -1.7472,  
0.3999

■ 58.7000, -28.9391,  
-51.4799

■ 44.0250, -21.7043,  
-38.6099

■ 29.9370, -14.7589,

-26.2547

■ 15.2620, -7.5242,  
-13.3848

■ 0.0000, 0.0000,  
0.0000

■ 187.9520,  
-37.9373, -58.7169

■ 187.9520,  
-37.9373, -58.7169

■ 178.6380,  
-45.1775, -69.8425

■ 197.2660,  
-30.6971, -47.5913

■ 169.4380,  
-51.9809, -81.0681


■ 206.4660,  
-23.8937, -36.3657

■ 160.4230,  
-59.3685, -91.5790

■ 215.4810,  
-16.5061, -25.8548


■ 151.1090,  
-66.6087, -102.7046

■ 224.7950, -9.2659,  
-14.7292

 144.8000,  
-71.3864, -110.3266

 233.9950, -2.4625,  
-3.5036

 243.3090, 4.7777,  
7.6220

 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.



199.1610, -68.1134, 6.8748



187.9520, -37.9373, -58.7169



164.4490, 8.1596, -144.2218

# Triad

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



187.9520, -37.9373, -58.7169



162.9060, 45.4023, -142.8686



182.0280, -5.4368, 63.9964

# Complementary

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



187.9520, -37.9373, -58.7169



160.0480, 37.9373, 58.7169

# Split Complementary

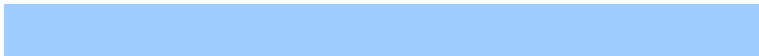
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



190.8230, 25.7233, 56.2832



187.9520, -37.9373, -58.7169



196.9570, 28.6152, -31.5343

# Square

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



187.9520, -37.9373, -58.7169



171.1240, 41.3509, -150.0757



207.4530, 23.4407, 41.6987



188.1190, -40.4847, 58.6546



# Rectangle

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



187.9520, -37.9373, -58.7169



171.3230, 29.4208, -150.2503



207.4530, 23.4407, 41.6987



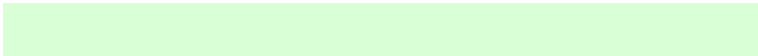
183.0030, 5.9145, 63.1414

# Sweetspot

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



187.9520, -37.9373, -58.7169



238.9640, -12.3073, -19.2624



216.7660, -52.1426, 17.7452



118.2730, -7.5296, -11.6404



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.



187.9520, -37.9373, -58.7169



191.5680, -49.0870, -75.9201



191.0040, -13.3130, -70.1635



112.7560, -3.3307, -5.0480



110.4330, -54.4435, -84.5717



32.8940, -16.2167, -25.3400



# Inverse Universe

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



160.0480, 37.9373, 58.7169



155.4320, 49.0870, 75.9201



156.9960, 13.3130, 70.1635



110.2440, 3.3307, 5.0480



70.5670, 54.4435, 84.5717

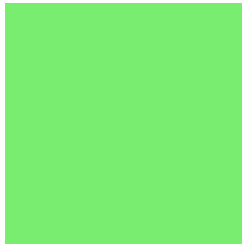


20.8070, 16.3641, 24.7253



# Previews

## White Background



This preview shows how the YUV color 187.9520, -37.9373, -58.7169 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 187.9520, -37.9373, -58.7169 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

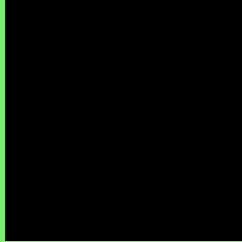
Any Text WCAG AA ✓ Pass

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 187.9520, -37.9373, -58.7169 Background



This preview shows how black text looks on a background with the YUV color 187.9520, -37.9373, -58.7169.



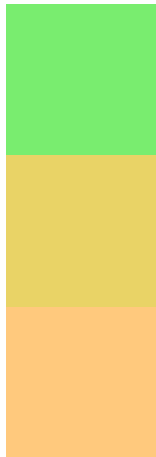
This preview shows how white text looks on a background with the YUV color 187.9520, -37.9373, -58.7169.

-58.7169.

# 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

187.9520, -37.9373, -58.7169

### Protanopia

205.1520, -50.8539, 24.4227

### Deuteranopia

208.4820, -41.1566, 40.7963



## Tritanopia

202.6270, 18.9179, -47.9079

# Trichromacy



## Original Color

187.9520, -37.9373, -58.7169



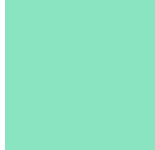
## Protanomaly

198.5180, -46.1044, -5.7163



## Deuteranomaly

200.8920, -39.8798, 4.4797



## Tritanomaly

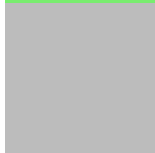
197.2140, -1.5845, -51.9307

# Monochromacy



## Original Color

187.9520, -37.9373, -58.7169



## Achromatopsia

188.0000, 0.0000, 0.0000



## Achromatomaly

188.1980, -13.9016, -21.2216

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 187.9520, -37.9373, -58.7169 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(121, 237, 111)` looks like.

```
.text, #text, p{  
    color:rgb(121, 237, 111)  
}
```

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(121, 237, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 237, 111) }
```

## Border

The CSS property to change the border of an element to YUV 187.9520, -37.9373, -58.7169 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(121, 237, 111) }
```



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

```
.border{ border-color:rgb(121, 237, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 237, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 237, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 237, 111);  
box-shadow:4px 4px 4px 4px rgb(121, 237,  
111) }
```

# Background

The CSS property to change the background color of an element to YUV 187.9520, -37.9373, -58.7169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 237, 111) }
```

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

```
.background{ background-color: rgb(121,  
237, 111) }
```

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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