

# Converting Colors

YUV(194.8970, -34.4592,  
-54.2837)

Have a look what the booklet for  
YUV(194.8970, -34.4592, -54.2837)  
contains.

<b>YUV(194.8970, -34.4592, -54.2837)</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(194.8970, -34.4592,  
-54.2837)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85F07D
RGB	133, 240, 125
RGB Percent	52%, 94%, 49%
CMY	0.4784, 0.0588, 0.5098
CMYK	0.45, 0.00, 0.48, 0.06
HSL	116°, 79%, 72%
HSV	116°, 48%, 94%
XYZ	44.5346, 68.7874, 30.3321
YIQ	194.8970, -26.8570, -58.4490

# Conversions

## Conversions Part 2

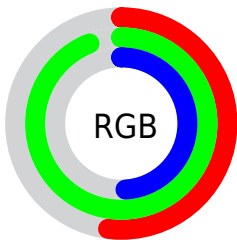
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 240, 232
Decimal	8777853
CIELab	86.40, -53.02, 45.93
CIELCh	86, 70.150, 139.101
Yxy	68.7874, 0.3100, 0.4788
Android (android.graphics.Color)	4286967933 (0xFF85F07D)
YUV	194.8970, -34.4592, -54.2837
Hunter-Lab	82.9382, -49.2941, 36.3732

# Details

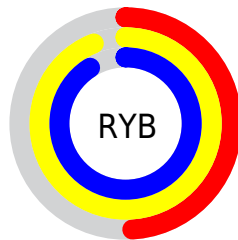
The YUV color **194.8970, -34.4592, -54.2837** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **170.1030, 34.4592, 54.2837**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.2000, -23.7626, -31.7474**, and **137.8690, -31.9804, -56.0131** is the 20% darker color. If you saturate the color by 10%, you get **185.5830, -41.6994, -65.4093**, and if you desaturate by 10%, it is **204.2110, -27.2190, -43.1580**.

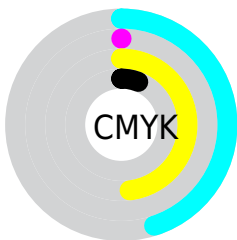
# Distribution



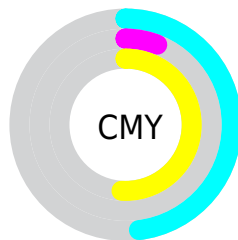
- Red (52%)
- Green (94%)
- Blue (49%)



- Red (49%)
- Yellow (94%)
- Blue (91%)



- Cyan (45%)
- Magenta (0%)
- Yellow (48%)
- Black (6%)



- Cyan (48%)
- Magenta (6%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 194.8970, -34.4592, -54.2837 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 194.8970, -34.4592, -54.2837 by changing the saturation by 10% instead.



■ 194.8970,  
-34.4592, -54.2837

■ 194.8970,  
-34.4592, -54.2837

255.0000, 0.0000,  
0.0000

■ 166.2390,  
-33.1488, -54.5836

■ 227.2000,  
-23.7626, -31.7474

■ 137.8690,  
-31.9804, -56.0131

■ 239.4760,  
-15.5177, -16.2035

■ 108.8900,  
-30.5118, -60.4165

■ 251.6380, -7.7095,  
-0.5595

■ 77.7750, -29.4691,  
-68.2087

■ 60.4610, -29.8073,  
-53.0243

■ 45.7860, -22.5725,  
-40.1543

■ 31.6980, -15.6271,

-27.7991

■ 17.6100, -8.6817,  
-15.4440

■ 0.0000, 0.0000,  
0.0000

■ 194.8970,  
-34.4592, -54.2837

■ 194.8970,  
-34.4592, -54.2837

■ 185.5830,  
-41.6994, -65.4093

■ 204.2110,  
-27.2190, -43.1580

■ 175.9700,  
-48.7922, -77.1497


■ 213.8240,  
-20.1262, -31.4176


■ 166.6560,  
-56.0324, -88.2753


■ 223.1380,  
-12.8860, -20.2920


■ 157.3420,  
-63.2726, -99.4009

■ 232.4520, -5.6458,  
-9.1664

 147.7290,  
-70.3654, -111.1413

 242.0650, 1.4470,  
2.5740

 145.9630,  
-71.9598, -113.1006

 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.



205.3980, -60.8352, 5.7900



194.8970, -34.4592, -54.2837



166.5350, 11.0752, -146.0512

# Triad

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



194.8970, -34.4592, -54.2837



164.6670, 44.5342, -144.4130



189.6420, -6.7255, 57.3190

# Complementary

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



194.8970, -34.4592, -54.2837



170.1030, 34.4592, 54.2837

# Split Complementary

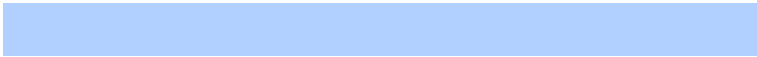
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



197.8670, 22.2506, 50.1056



194.8970, -34.4592, -54.2837



204.0890, 25.0991, -23.7571

# Square

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



194.8970, -34.4592, -54.2837



172.2980, 40.7721, -151.1053



211.5620, 21.4149, 38.0951



194.7700, -37.8476, 52.8217



# Rectangle

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



194.8970, -34.4592, -54.2837



172.9530, 30.5892, -151.6798



211.5620, 21.4149, 38.0951



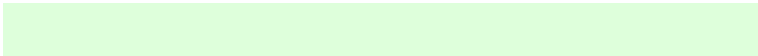
190.9760, 3.4628, 56.1490

# Sweetspot

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



194.8970, -34.4592, -54.2837



241.0290, -10.8603, -16.6884



221.0200, -47.3379, 16.6455



119.2130, -6.5140, -10.7108



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.



194.8970, -34.4592, -54.2837



196.8660, -44.3039, -70.0425



197.9770, -12.3137, -64.0008



115.3430, -3.6201, -5.5628



111.8950, -55.1642, -86.7309



34.0680, -16.7955, -26.3696



# Inverse Universe

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



170.1030, 34.4592, 54.2837



165.1340, 44.3039, 70.0425



167.0230, 12.3137, 64.0008



112.6570, 3.6201, 5.5628



72.1050, 55.1642, 86.7309



21.9320, 16.7955, 26.3696



# Previews

## White Background



This preview shows how the YUV color 194.8970, -34.4592, -54.2837 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 194.8970, -34.4592, -54.2837 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 194.8970, -34.4592, -54.2837 Background



This preview shows how black text looks on a background with the YUV color 194.8970, -34.4592, -54.2837.



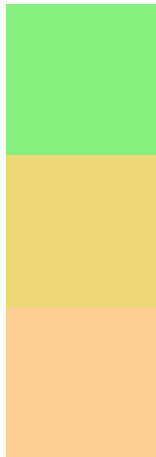
This preview shows how white text looks on a background with the YUV color 194.8970, -34.4592, -54.2837.

-54.2837.

# 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

194.8970, -34.4592, -54.2837

### Protanopia

210.2920, -46.4860, 23.4229

### Deuteranopia

213.8110, -33.4308, 36.1228



## Tritanopia

208.1220, 18.1809, -44.8340

# Trichromacy



## Original Color

194.8970, -34.4592, -54.2837



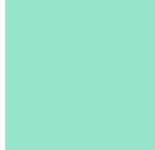
## Protanomaly

204.5550, -42.1786, -4.8717



## Deuteranomaly

206.7870, -33.9120, 3.6948



## Tritanomaly

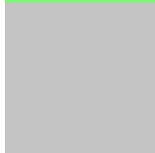
203.3500, -1.1585, -48.5419

# Monochromacy



## Original Color

194.8970, -34.4592, -54.2837



## Achromatopsia

195.0000, 0.0000, 0.0000



## Achromatomaly

194.6650, -12.1598, -19.8772

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 194.8970, -34.4592, -54.2837 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(133, 240, 125)` looks like.

```
.text, #text, p{  
    color:rgb(133, 240, 125)  
}
```

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(133, 240, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 240, 125) }
```

## Border

The CSS property to change the border of an element to YUV 194.8970, -34.4592, -54.2837 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(133, 240, 125) }
```



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

```
.border{ border-color:rgb(133, 240, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 240, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 240, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 240, 125);  
box-shadow:4px 4px 4px 4px rgb(133, 240,  
125) }
```

# Background

The CSS property to change the background color of an element to YUV 194.8970, -34.4592, -54.2837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 240, 125) }
```

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

```
.background{ background-color: rgb(133,  
240, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor