

# Converting Colors

YUV(194.2050, -35.1041,  
-80.8638)

Have a look what the booklet for  
YUV(194.2050, -35.1041, -80.8638)  
contains.

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# Color

**YUV(194.2050, -35.1041,  
-80.8638)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66FF7B
RGB	102, 255, 123
RGB Percent	40%, 100%, 48%
CMY	0.6000, 0.0000, 0.5176
CMYK	0.60, 0.00, 0.52, 0.00
HSL	128°, 100%, 70%
HSV	128°, 60%, 100%
XYZ	44.8146, 75.7748, 31.0029
YIQ	194.2050, -48.8160, -73.4880

# Conversions

## Conversions Part 2

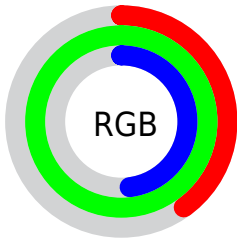
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 237, 255
Decimal	6750075
CIELab	89.75, -66.68, 50.76
CIELCh	90, 83.800, 142.719
Yxy	75.7748, 0.2956, 0.4999
Android (android.graphics.Color)	4284940155 (0xFF66FF7B)
YUV	194.2050, -35.1041, -80.8638
Hunter-Lab	87.0487, -60.4395, 39.8176

# Details

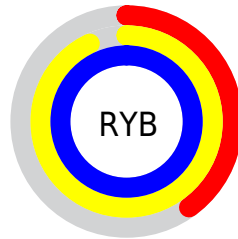
The YUV color **194.2050, -35.1041, -80.8638** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **162.7950, 35.1041, 80.8638**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.3120, -20.3668, -47.6316**, and **125.7120, -27.4660, -104.1104** is the 20% darker color. If you saturate the color by 10%, you get **184.2220, -41.0284, -94.0337**, and if you desaturate by 10%, it is **204.4870, -29.3271, -67.0791**.

# Distribution



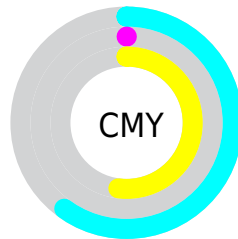
- Red (40%)
- Green (100%)
- Blue (48%)



- Red (40%)
- Yellow (93%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 194.2050, -35.1041, -80.8638 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 194.2050, -35.1041, -80.8638 by changing the saturation by 10% instead.



■ 194.2050,  
-35.1041, -80.8638

■ 194.2050,  
-35.1041, -80.8638

255.0000, 0.0000,  
0.0000

■ 163.3400,  
-33.1986, -85.3672

■ 219.3120,  
-20.3668, -47.6316

■ 125.7120,  
-27.4660, -104.1104

■ 231.7730,  
-12.7061, -31.3729

■ 104.1050,  
-30.1248, -91.3001

■ 244.3480, -4.6086,  
-15.2142

■ 83.6790, -37.3097,  
-73.3865

■ 67.5050, -33.2800,  
-59.2019

■ 51.6560, -25.4664,  
-45.3023

■ 37.5680, -18.5210,

-32.9471

■ 22.8930, -11.2862,  
-20.0772

■ 0.0000, 0.0000,  
0.0000

■ 194.2050,  
-35.1041, -80.8638

■ 194.2050,  
-35.1041, -80.8638

■ 184.2220,  
-41.0284, -94.0337

■ 204.4870,  
-29.3271, -67.0791

■ 173.9400,  
-46.8054, -107.8184

■ 214.4700,  
-23.4027, -53.9092

■ 163.6580,  
-52.5824, -121.6031

■ 224.7520,  
-17.6257, -40.1245

■ 153.6750,  
-58.5068, -134.7730

■ 234.7350,  
-11.7014, -26.9546

■ 245.0170, -5.9244,  
-13.1699

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



209.7980, -74.3434, -1.5768



194.2050, -35.1041, -80.8638



172.8270, 14.8753, -151.5693

# Triad

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



194.2050, -35.1041, -80.8638



170.5370, 41.6403, -149.5609



185.9090, -8.3361, 60.5928

# Complementary

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



194.2050, -35.1041, -80.8638



162.7950, 35.1041, 80.8638

# 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.



193.2680, 27.4759, 54.1390



194.2050, -35.1041, -80.8638



210.9110, 21.7359, -18.3389

# Square

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



194.2050, -35.1041, -80.8638



178.7550, 37.5888, -156.7681



209.2140, 22.5725, 40.1543



194.8380, -47.7411, 52.7621



# Rectangle

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



194.2050, -35.1041, -80.8638



178.7550, 37.5888, -156.7681



209.2140, 22.5725, 40.1543



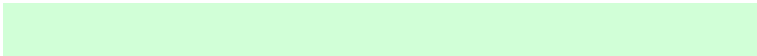
185.9380, 4.4676, 60.5674

# Sweetspot

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



194.2050, -35.1041, -80.8638



236.6860, -10.6912, -24.2806



231.5780, -63.8820, 3.0011



116.4790, -6.6451, -15.3291



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.



194.2050, -35.1041, -80.8638



181.9720, -41.8912, -97.3224



202.8690, -1.9074, -88.4621



122.8590, -2.8885, -6.8923



115.0810, -43.9169, -100.9260



38.5940, -14.5898, -33.8469



# Inverse Universe

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



162.7950, 35.1041, 80.8638



144.1420, 42.3280, 97.2225



154.1310, 1.9074, 88.4621



120.1410, 2.8885, 6.8923



75.9190, 43.9169, 100.9260

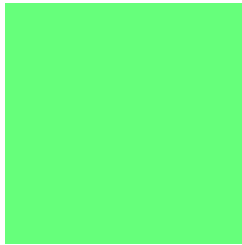


25.4060, 14.5898, 33.8469



# Previews

## White Background



This preview shows how the YUV color 194.2050, -35.1041, -80.8638 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 194.2050, -35.1041, -80.8638 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 194.2050, -35.1041, -80.8638 Background



This preview shows how black text looks on a background with the YUV color 194.2050, -35.1041, -80.8638.



This preview shows how white text looks on a background with the YUV color 194.2050, -35.1041, -80.8638.

-80.8638.

# 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

194.2050, -35.1041, -80.8638

### Protanopia

218.2230, -51.8749, 25.2374

### Deuteranopia

223.4600, -24.3838, 27.6606



## Tritanopia

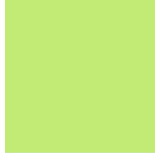
214.5230, 19.9552, -53.9557

# Trichromacy



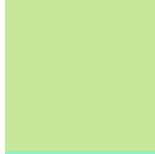
## Original Color

194.2050, -35.1041, -80.8638



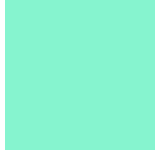
## Protanomaly

209.2890, -45.4985, -13.4085



## Deuteranomaly

212.7680, -28.4796, -12.0745



## Tritanomaly

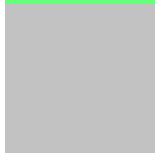
206.8920, 0.0532, -63.9263

# Monochromacy



## Original Color

194.2050, -35.1041, -80.8638



## Achromatopsia

194.0000, 0.0000, 0.0000



## Achromatomaly

194.0830, -12.8589, -29.0138

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 194.2050, -35.1041, -80.8638 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(102, 255, 123)` looks like.

```
.text, #text, p{  
    color:rgb(102, 255, 123)  
}
```

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(102, 255, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 123) }
```

## Border

The CSS property to change the border of an element to YUV 194.2050, -35.1041, -80.8638 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(102, 255, 123) }
```



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

```
.border{ border-color:rgb(102, 255, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 255, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 255, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 255, 123); box-shadow:4px 4px 4px 4px rgb(102, 255, 123) }
```

# Background

The CSS property to change the background color of an element to YUV 194.2050, -35.1041, -80.8638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 255, 123) }
```

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

```
.background{ background-color: rgb(102,  
255, 123) }
```

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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