

# Converting Colors

YUV(193.8010, -42.2999,  
-59.4615)

Have a look what the booklet for  
YUV(193.8010, -42.2999, -59.4615)  
contains.

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# Color

**YUV(193.8010, -42.2999,  
-59.4615)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EF56C
RGB	126, 245, 108
RGB Percent	49%, 96%, 42%
CMY	0.5059, 0.0392, 0.5765
CMYK	0.49, 0.00, 0.56, 0.04
HSL	112°, 87%, 69%
HSV	112°, 56%, 96%
XYZ	43.9634, 70.8231, 25.5405
YIQ	193.8010, -26.9470, -67.8350

# Conversions

## Conversions Part 2

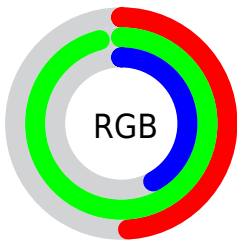
Format	Color
<a href="#">RYB</a>	<a href="#">108, 245, 227</a>
Decimal	<a href="#">8320364</a>
CIELab	<a href="#">87.40, -59.00, 54.93</a>
CIELCh	<a href="#">87, 80.614, 137.048</a>
Yxy	<a href="#">70.8231, 0.3133, 0.5047</a>
Android (android.graphics.Color)	<a href="#">4286510444 (0xFF7EF56C)</a>
YUV	<a href="#">193.8010, -42.2999, -59.4615</a>
Hunter-Lab	<a href="#">84.1565, -54.0254, 40.9157</a>

# Details

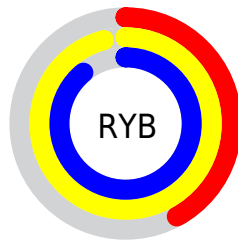
The YUV color **193.8010, -42.2999, -59.4615** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **159.1990, 42.2999, 59.4615**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8810, -30.0143, -33.2216**, and **135.3490, -40.1051, -63.4501** is the 20% darker color. If you saturate the color by 10%, you get **184.7860, -49.6875, -69.9723**, and if you desaturate by 10%, it is **202.8160, -34.9123, -48.9506**.

# Distribution



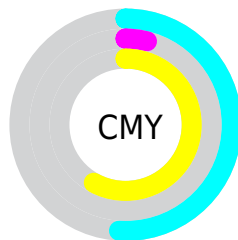
- Red (49%)
- Green (96%)
- Blue (42%)



- Red (42%)
- Yellow (96%)
- Blue (89%)



- Cyan (49%)
- Magenta (0%)
- Yellow (56%)
- Black (4%)



- Cyan (51%)
- Magenta (4%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 193.8010, -42.2999, -59.4615 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 193.8010, -42.2999, -59.4615 by changing the saturation by 10% instead.



193.8010,  
-42.2999, -59.4615

193.8010,  
-42.2999, -59.4615

255.0000, 0.0000,  
0.0000

164.7300,  
-41.2789, -60.2762

223.8810,  
-30.0143, -33.2216

135.3490,  
-40.1051, -63.4501

236.0430,  
-22.2062, -17.5777

101.6250,  
-38.7621, -74.2161

248.2050,  
-14.3981, -1.9338

78.0710, -38.4890,  
-68.4683

254.3160, -2.6208,  
0.5999

62.8090, -30.9648,  
-55.0835

47.5470, -23.4407,  
-41.6987

33.4590, -16.4953,

-29.3435

■ 19.3710, -9.5499,  
-16.9884

■ 0.0000, 0.0000,  
0.0000

■ 193.8010,  
-42.2999, -59.4615

■ 193.8010,  
-42.2999, -59.4615

■ 184.7860,  
-49.6875, -69.9723

■ 202.8160,  
-34.9123, -48.9506

■ 175.3580,  
-57.3645, -80.9980


■ 212.2440,  
-27.2353, -37.9250


■ 166.2290,  
-65.1889, -91.4088


■ 221.3730,  
-19.4109, -27.5141


■ 157.2140,  
-72.5765, -101.9197

■ 230.3880,  
-12.0233, -17.0033

 153.3830,  
-75.6178, -106.4529

 239.5170, -4.1989,  
-6.5924

 248.8310, 3.0413,  
4.5332

 249.1300, 2.8939,  
5.1480

# Harmonies

## Analogous

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



205.4620, -74.6708, 10.1188



193.8010, -42.2999, -59.4615



169.8460, 5.9919, -148.9549

# Triad

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



193.8010, -42.2999, -59.4615



168.1890, 42.7978, -147.5018



183.5270, -2.2318, 62.6818

# Complementary

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



193.8010, -42.2999, -59.4615



159.1990, 42.2999, 59.4615

# 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.



193.9520, 30.0967, 53.5391



193.8010, -42.2999, -59.4615



199.8590, 27.1845, -39.3413

# Square

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



193.8010, -42.2999, -59.4615



176.4070, 38.7463, -154.7089



210.3880, 21.9937, 39.1247



189.6350, -39.7531, 57.3251



# Rectangle

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



193.8010, -42.2999, -59.4615



176.4750, 28.8528, -154.7686



210.3880, 21.9937, 39.1247



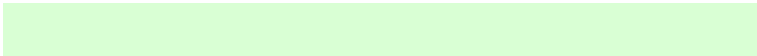
184.6160, 9.5563, 61.7268

# Sweetspot

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



193.8010, -42.2999, -59.4615



238.7360, -13.1808, -19.0625



218.8160, -54.6323, 22.9634



118.1590, -7.9664, -11.5404



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.



193.8010, -42.2999, -59.4615



191.2540, -52.8762, -73.8908



194.1190, -17.8067, -75.5264



117.6420, -3.7675, -4.9480



116.3580, -57.3645, -80.9980



37.0250, -18.2533, -25.4549



# Inverse Universe

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



159.1990, 42.2999, 59.4615



148.0450, 52.7288, 74.5055



158.8810, 17.8067, 75.5264



114.6570, 3.6201, 5.5628



69.6420, 57.3645, 80.9980

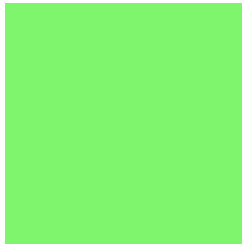


21.9750, 18.2533, 25.4549



# Previews

## White Background



This preview shows how the YUV color 193.8010, -42.2999, -59.4615 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 193.8010, -42.2999, -59.4615 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

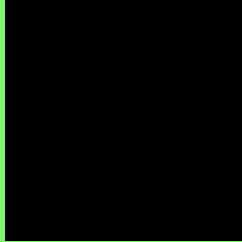
Any Text WCAG AA ✓ Pass

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 193.8010, -42.2999, -59.4615 Background



This preview shows how black text looks on a background with the YUV color 193.8010, -42.2999, -59.4615.



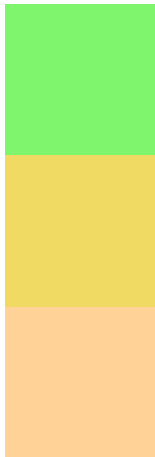
This preview shows how white text looks on a background with the YUV color 193.8010, -42.2999, -59.4615.

-59.4615.

# 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

193.8010, -42.2999, -59.4615

### Protanopia

211.3110, -55.3693, 26.0373

### Deuteranopia

216.7290, -32.4044, 33.5637



## Tritanopia

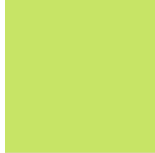
209.4420, 19.5021, -48.6226

# Trichromacy



## Original Color

193.8010, -42.2999, -59.4615



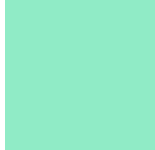
## Protanomaly

204.9650, -50.7617, -5.2313



## Deuteranomaly

208.4830, -36.2271, -0.4236



## Tritanomaly

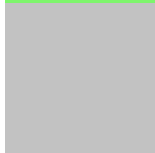
203.5730, -2.7475, -52.2455

# Monochromacy



## Original Color

193.8010, -42.2999, -59.4615



## Achromatopsia

194.0000, 0.0000, 0.0000



## Achromatomaly

194.1440, -15.3540, -22.0513

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 193.8010, -42.2999, -59.4615 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(126, 245, 108)` looks like.

```
.text, #text, p{  
    color:rgb(126, 245, 108)  
}
```

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(126, 245, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 245, 108) }
```

## Border

The CSS property to change the border of an element to YUV 193.8010, -42.2999, -59.4615 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(126, 245, 108) }
```



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

```
.border{ border-color:rgb(126, 245, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 245, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 245, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 245, 108);  
box-shadow:4px 4px 4px 4px rgb(126, 245,  
108) }
```

# Background

The CSS property to change the background color of an element to YUV 193.8010, -42.2999, -59.4615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 245, 108) }
```

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

```
.background{ background-color: rgb(126,  
245, 108) }
```

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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