

Converting Colors

YUV(193.2540, -19.3522,
-93.1848)

Have a look what the booklet for
YUV(193.2540, -19.3522, -93.1848)
contains.

YUV(193.2540, -19.3522, -93.1848)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(193.2540, -19.3522,
-93.1848)**

Conversions

Conversions Part 1

Format	Color
Hex	57FF9A
RGB	87, 255, 154
RGB Percent	34%, 100%, 60%
CMY	0.6588, 0.0000, 0.3961
CMYK	0.66, 0.00, 0.40, 0.00
HSL	144°, 100%, 67%
HSV	144°, 66%, 100%
XYZ	45.5232, 75.8793, 42.8187
YIQ	193.2540, -67.7070, -67.0270

Conversions

Conversions Part 2

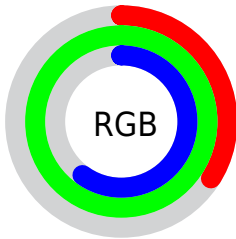
Format	Color
RYB	87, 207, 255
Decimal	5767066
CIELab	89.80, -64.85, 35.89
CIELCh	90, 74.116, 151.036
Yxy	75.8793, 0.2772, 0.4621
Android (android.graphics.Color)	4283957146 (0xFF57FF9A)
YUV	193.2540, -19.3522, -93.1848
Hunter-Lab	87.1087, -59.1558, 31.8318

Details

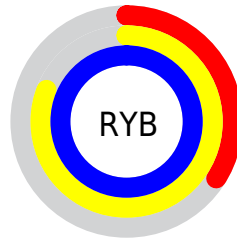
The YUV color **193.2540, -19.3522, -93.1848** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **148.7460, 19.3522, 93.1848**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.2580, -5.0572, -58.1083**, and **127.2670, -12.4566, -111.6132** is the 20% darker color. If you saturate the color by 10%, you get **184.0690, -22.2190, -107.0545**, and if you desaturate by 10%, it is **202.7380, -16.6328, -78.7002**.

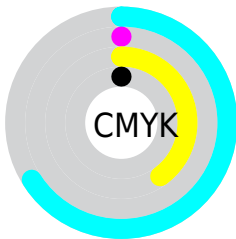
Distribution



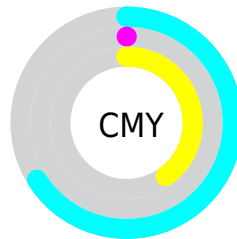
- Red (34%)
- Green (100%)
- Blue (60%)



- Red (34%)
- Yellow (81%)
- Blue (100%)



- Cyan (66%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (66%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.2540, -19.3522, -93.1848 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 193.2540, -19.3522, -93.1848 by changing the saturation by 10% instead.

193.2540,
-19.3522, -93.1848

193.2540,
-19.3522, -93.1848

255.0000, 0.0000,
0.0000

160.5950,
-16.5623, -101.3768

219.2580, -5.0572,
-58.1083

127.2670,
-12.4566, -111.6132

231.8330, 3.0403,
-41.9495

107.9810,
-15.2736, -94.6993

243.0400, 5.8963,
-24.5911

88.6950, -18.0906,
-77.7855

252.3090, 1.3267,
-5.5330

70.5830, -21.4864,
-61.9013

52.2430, -25.7558,
-45.8171

36.9810, -18.2316,

-32.4323

■ 22.8930, -11.2862,
-20.0772

■ 0.0000, 0.0000,
0.0000

■ 193.2540,
-19.3522, -93.1848

■ 193.2540,
-19.3522, -93.1848

■ 184.0690,
-22.2190, -107.0545

■ 202.7380,
-16.6328, -78.7002

■ 174.4710,
-25.3752, -121.4391

■ 212.0370,
-13.3292, -64.9304

■ 165.2860,
-28.2420, -135.3088

■ 221.5210,
-10.6099, -50.4459

■ 161.3130,
-29.2413, -141.4715

■ 230.7060, -7.7431,
-36.5762

■ 240.3040, -4.5869,
-22.1916

■ 249.4890, -1.7201,
-8.3219

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.



210.3950, -56.3967, -17.8864



193.2540, -19.3522, -93.1848



175.4490, 24.9216, -153.8688

Triad

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



193.2540, -19.3522, -93.1848



183.7810, 35.1110, -108.5559



194.5200, -18.4974, 53.0410

Complementary

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



193.2540, -19.3522, -93.1848



148.7460, 19.3522, 93.1848

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.



197.1030, 14.2462, 50.7757



193.2540, -19.3522, -93.1848



219.0610, 17.7179, 10.4705

Square

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



193.2540, -19.3522, -93.1848



176.4070, 38.7463, -154.7089



209.2140, 22.5725, 40.1543



203.3980, -50.4822, 45.2550

Rectangle

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



193.2540, -19.3522, -93.1848



178.7550, 37.5888, -156.7681



209.2140, 22.5725, 40.1543



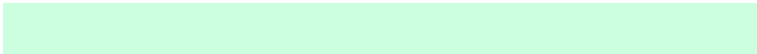
193.5060, -7.1515, 53.9302

Sweetspot

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



193.2540, -19.3522, -93.1848



236.2170, -6.0230, -28.2543



216.7120, -63.9480, -22.5494



116.5650, -3.7295, -17.1585



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.



193.2540, -19.3522, -93.1848



181.1070, -23.2238, -111.4728



202.4880, 16.0284, -101.2830



123.2010, -1.5781, -7.1923



120.7810, -22.0770, -105.9249



40.4180, -7.6011, -35.4466

Inverse Universe

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



148.7460, 19.3522, 93.1848



127.8930, 23.2238, 111.4728



139.5120, -16.0284, 101.2830



119.6850, 1.1413, 7.2923



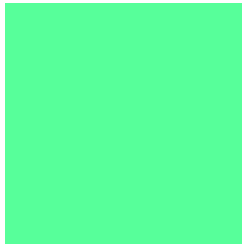
70.2190, 22.0770, 105.9249



23.4680, 7.1643, 35.5466

Previews

White Background



This preview shows how the YUV color 193.2540, -19.3522, -93.1848 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 193.2540, -19.3522, -93.1848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

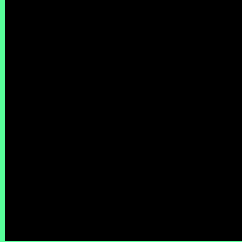
Any Text WCAG AA ✓ Pass

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 193.2540, -19.3522, -93.1848 Background



This preview shows how black text looks on a background with the YUV color 193.2540, -19.3522, -93.1848.



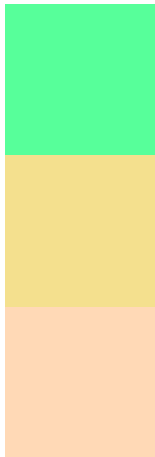
This preview shows how white text looks on a background with the YUV color 193.2540, -19.3522, -93.1848.

-93.1848.

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

193.2540, -19.3522, -93.1848

Protanopia

220.6320, -38.7656, 20.4937

Deuteranopia

224.3720, -20.8894, 26.8608



Tritanopia

213.9140, 20.2554, -56.9296

Trichromacy



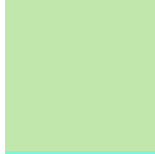
Original Color

193.2540, -19.3522, -93.1848



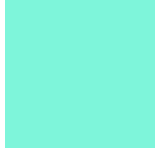
Protanomaly

210.5020, -31.7995, -20.6113



Deuteranomaly

213.2110, -20.3170, -16.8480



Tritanomaly

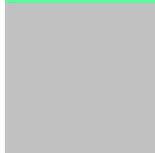
206.3410, 5.7479, -70.4591

Monochromacy



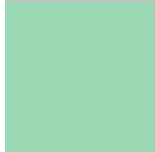
Original Color

193.2540, -19.3522, -93.1848



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

193.2440, -7.0223, -34.4170

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.2540, -19.3522, -93.1848 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(87, 255, 154)` looks like.

```
.text, #text, p{  
    color:rgb(87, 255, 154)  
}
```

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(87, 255, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 255, 154) }
```

Border

The CSS property to change the border of an element to YUV 193.2540, -19.3522, -93.1848 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(87, 255, 154) }
```


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

```
.border{ border-color:rgb(87, 255, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 255, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 255, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 255, 154);  
box-shadow:4px 4px 4px 4px rgb(87, 255,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 193.2540, -19.3522, -93.1848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 255, 154) }
```

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

```
.background{ background-color: rgb(87, 255,  
154) }
```

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