

Converting Colors

YUV(199.1930, -60.2411,
-44.8963)

Have a look what the booklet for
YUV(199.1930, -60.2411, -44.8963)
contains.

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Color

**YUV(199.1930, -60.2411,
-44.8963)**

Conversions

Conversions Part 1

Format	Color
Hex	94F94D
RGB	148, 249, 77
RGB Percent	58%, 98%, 30%
CMY	0.4196, 0.0235, 0.6980
CMYK	0.41, 0.00, 0.69, 0.02
HSL	95°, 93%, 64%
HSV	95°, 69%, 98%
XYZ	47.4280, 74.5831, 18.9174
YIQ	199.1930, -4.9840, -74.9040

Conversions

Conversions Part 2

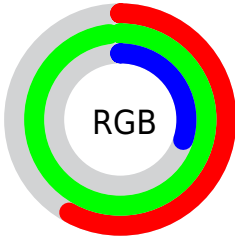
Format	Color
RYB	77, 249, 178
Decimal	9763149
CIELab	89.20, -56.85, 69.77
CIELCh	89, 90.004, 129.173
Yxy	74.5831, 0.3365, 0.5292
Android (android.graphics.Color)	4287953229 (0xFF94F94D)
YUV	199.1930, -60.2411, -44.8963
Hunter-Lab	86.3615, -53.1041, 47.4656

Details

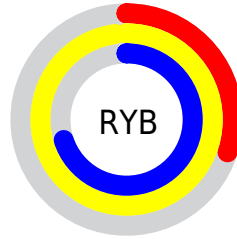
The YUV color $199.1930, -60.2411, -44.8963$ is a light color, and the websafe version is hex $99FF66$. The color can be described as light washed chartreuse. A complement of this color would be $126.8070, 60.2411, 44.8963$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.1530, -45.9244, -16.7972$, and $139.0160, -68.5349, -44.7410$ is the 20% darker color. If you saturate the color by 10%, you get $191.8580, -68.9500, -51.6185$, and if you desaturate by 10%, it is $206.5280, -51.5323, -38.1741$.

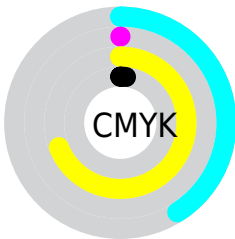
Distribution



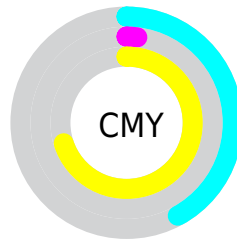
- Red (58%)
- Green (98%)
- Blue (30%)



- Red (30%)
- Yellow (98%)
- Blue (70%)



- Cyan (41%)
- Magenta (0%)
- Yellow (69%)
- Black (2%)



- Cyan (42%)
- Magenta (2%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.1930, -60.2411, -44.8963 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 199.1930, -60.2411, -44.8963 by changing the saturation by 10% instead.

199.1930,
-60.2411, -44.8963

199.1930,
-60.2411, -44.8963

255.0000, 0.0000,
0.0000

169.6660,
-60.9673, -45.3111

227.1530,
-45.9244, -16.7972

139.0160,
-68.5349, -44.7410

239.4290,
-37.6795, -1.2532

112.4140,
-55.4201, -51.2291

247.8180,
-27.5183, 6.2986

80.4190, -39.6466,
-70.5275

251.1240,
-14.8511, 3.3993

65.1570, -32.1224,
-57.1427

254.5440, -1.7472,
0.3999

49.8950, -24.5982,
-43.7579

35.8070, -17.6529,

-31.4027

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,
0.0000

■ 199.1930,
-60.2411, -44.8963

■ 199.1930,
-60.2411, -44.8963

■ 191.8580,
-68.9500, -51.6185

■ 206.5280,
-51.5323, -38.1741

■ 184.8220,
-77.8062, -57.7259

■ 213.5640,
-42.6761, -32.0666

■ 177.4870,
-86.5151, -64.4481

■ 220.8990,
-33.9672, -25.3444

■ 176.9600,
-87.2413, -64.8629

■ 227.9350,
-25.1110, -19.2370

■ 235.2700,
-16.4021, -12.5148

■ 242.4910, -8.1301,
-5.6926

■ 249.5270, 0.7262,
0.4148

■ 251.4780, 1.7363,
3.0888

Harmonies

Analogous

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



206.7810, -101.9430, 30.8871



199.1930, -60.2411, -44.8963



167.8110, -4.3438, -147.1702

Triad

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



199.1930, -60.2411, -44.8963



175.8200, 39.0357, -154.1941



179.5780, 10.5610, 66.1451

Complementary

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



199.1930, -60.2411, -44.8963



126.8070, 60.2411, 44.8963

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



199.1930, -60.2411, -44.8963



177.2910, 38.3105, -108.1262

Square

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



199.1930, -60.2411, -44.8963



178.7550, 37.5888, -156.7681



216.2580, 19.0998, 33.9767



184.4320, -31.7650, 61.8881

Rectangle

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



199.1930, -60.2411, -44.8963



174.6510, 21.8641, -153.1689



216.2580, 19.0998, 33.9767



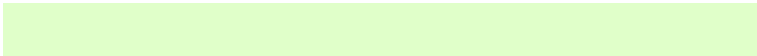
182.8840, 23.2282, 63.2457

Sweetspot

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



199.1930, -60.2411, -44.8963



239.5750, -19.0175, -13.6593



187.1280, -54.2931, 54.2617



118.6710, -11.1768, -8.4815



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.



199.1930, -60.2411, -44.8963



193.7560, -74.3227, -55.0370



179.5600, -43.6601, -89.9451



121.4250, -4.6465, -3.0037



134.2650, -66.1926, -49.3444



43.2820, -21.3380, -16.0333

Inverse Universe

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



126.8070, 60.2411, 44.8963



104.5430, 74.1753, 55.6518



146.4400, 43.6601, 89.9451



115.8740, 4.4991, 3.6185



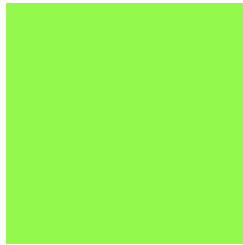
54.7350, 66.1926, 49.3444



17.7180, 21.3380, 16.0333

Previews

White Background



This preview shows how the YUV color 199.1930, -60.2411, -44.8963 looks on a white background.

Color Contrast Check

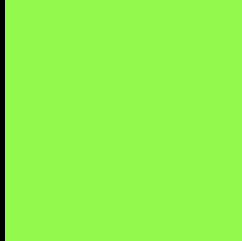
Large Text (above 18pt) WCAG AA × Fail

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 199.1930, -60.2411, -44.8963 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

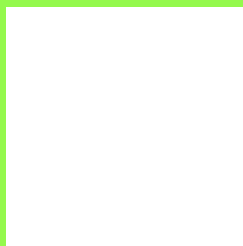
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.1930, -60.2411, -44.8963 Background



This preview shows how black text looks on a background with the YUV color 199.1930, -60.2411, -44.8963.



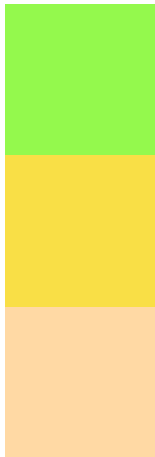
This preview shows how white text looks on a background with the YUV color 199.1930, -60.2411, -44.8963.

-44.8963.

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

199.1930, -60.2411, -44.8963

Protanopia

213.3320, -70.6627, 31.2808

Deuteranopia

222.3200, -28.7518, 28.6604



Tritanopia

217.7100, 16.4120, -37.4567

Trichromacy



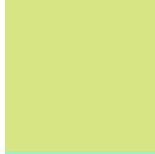
Original Color

199.1930, -60.2411, -44.8963



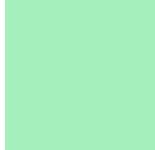
Protanomaly

207.8940, -66.5027, 3.6010



Deuteranomaly

214.0550, -40.4531, 1.7058



Tritanomaly

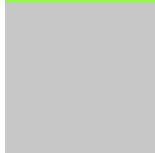
211.0600, -11.3686, -40.3946

Monochromacy



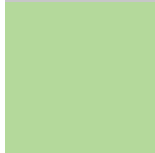
Original Color

199.1930, -60.2411, -44.8963



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

198.8690, -21.6274, -16.5481

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.1930, -60.2411, -44.8963 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(148, 249, 77)` looks like.

```
.text, #text, p{  
    color:rgb(148, 249, 77)  
}
```

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(148, 249, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 249, 77) }
```

Border

The CSS property to change the border of an element to YUV 199.1930, -60.2411, -44.8963 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(148, 249, 77) }
```


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

```
.border{ border-color:rgb(148, 249, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 249, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 249, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 249, 77);  
box-shadow:4px 4px 4px 4px rgb(148, 249,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 199.1930, -60.2411, -44.8963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 249, 77) }
```

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

```
.background{ background-color: rgb(148,  
249, 77) }
```

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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