

Converting Colors

YUV(199.0000, -54.2300,
-59.6360)

Have a look what the booklet for
YUV(199.0000, -54.2300, -59.6360)
contains.

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Color

**YUV(199.0000, -54.2300,
-59.6360)**

Conversions

Conversions Part 1

Format	Color
Hex	83FF59
RGB	131, 255, 89
RGB Percent	51%, 100%, 35%
CMY	0.4863, 0.0000, 0.6510
CMYK	0.49, 0.00, 0.65, 0.00
HSL	105°, 100%, 67%
HSV	105°, 65%, 100%
XYZ	46.9232, 77.0666, 21.8534
YIQ	199.0000, -20.6180, -77.9140

Conversions

Conversions Part 2

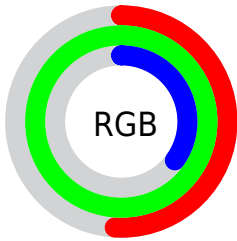
Format	Color
RYB	89, 255, 213
Decimal	8650585
CIELab	90.35, -63.24, 66.27
CIELCh	90, 91.603, 133.662
Yxy	77.0666, 0.3217, 0.5284
Android (android.graphics.Color)	4286840665 (0xFF83FF59)
YUV	199.0000, -54.2300, -59.6360
Hunter-Lab	87.7876, -58.2184, 46.6919

Details

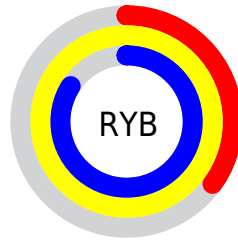
The YUV color **199.0000, -54.2300, -59.6360** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **145.0000, 54.2300, 59.6360**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6230, -38.7611, -27.7334**, and **138.2230, -55.8189, -63.3396** is the 20% darker color. If you saturate the color by 10%, you get **190.4690, -62.3492, -68.8173**, and if you desaturate by 10%, it is **207.6450, -45.6740, -50.5547**.

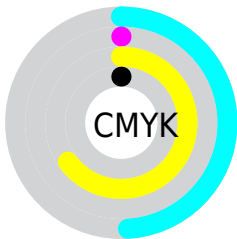
Distribution



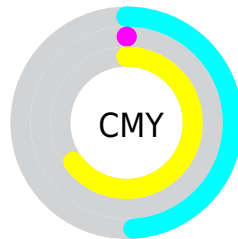
- Red (51%)
- Green (100%)
- Blue (35%)



- Red (35%)
- Yellow (100%)
- Blue (84%)



- Cyan (49%)
- Magenta (0%)
- Yellow (65%)
- Black (0%)



- Cyan (49%)
- Magenta (0%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.0000, -54.2300, -59.6360 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 199.0000, -54.2300, -59.6360 by changing the saturation by 10% instead.

199.0000,
-54.2300, -59.6360

199.0000,
-54.2300, -59.6360

255.0000, 0.0000,
0.0000

169.4020,
-53.9352, -60.8656

223.6230,
-38.7611, -27.7334

138.2230,
-55.8189, -63.3396

235.8990,
-30.5162, -12.1894

104.2860,
-51.4130, -76.5498

248.4740,
-22.4187, 3.9693

83.3540, -41.0935,
-73.1015

252.3780,
-10.0464, 2.2995

67.5050, -33.2800,
-59.2019

52.2430, -25.7558,
-45.8171

37.5680, -18.5210,

-32.9471

■ 24.0670, -11.8650,
-21.1068

■ 1.1740, -0.5788,
-1.0296

■ 199.0000,
-54.2300, -59.6360

■ 199.0000,
-54.2300, -59.6360

■ 190.4690,
-62.3492, -68.8173

■ 207.6450,
-45.6740, -50.5547

■ 181.8240,
-70.9052, -77.8986

■ 216.1760,
-37.5548, -41.3734

■ 173.2930,
-79.0244, -87.0800

■ 224.8210,
-28.9988, -32.2920

■ 169.1200,
-83.3762, -91.3132

■ 233.3520,
-20.8795, -23.1107

■ 241.9970,
-12.3235, -14.0294

■ 250.5280, -4.2043,
-4.8481

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.



208.1990, -102.6421, 21.7505



199.0000, -54.2300, -59.6360



169.6350, 2.6449, -148.7699

Triad

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



199.0000, -54.2300, -59.6360



176.4070, 38.7463, -154.7089



180.1990, 5.3249, 65.6005

Complementary

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



199.0000, -54.2300, -59.6360



145.0000, 54.2300, 59.6360

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.



192.1910, 30.9648, 55.0835



199.0000, -54.2300, -59.6360



194.9430, 29.6081, -70.1100

Square

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



199.0000, -54.2300, -59.6360



178.7550, 37.5888, -156.7681



213.9100, 20.2574, 36.0359



187.2870, -38.5955, 59.3843

Rectangle

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



199.0000, -54.2300, -59.6360



176.5890, 29.2896, -154.8686



213.9100, 20.2574, 36.0359



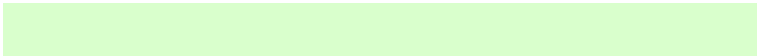
182.3310, 18.5708, 63.7307

Sweetspot

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



199.0000, -54.2300, -59.6360



237.8240, -16.6752, -18.2626



210.2480, -59.7753, 39.2475



117.5890, -10.1504, -11.0406



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.



199.0000, -54.2300, -59.6360



187.7630, -64.9592, -71.7062



190.8880, -31.0038, -89.3558



123.5280, -4.2043, -4.8481



126.4690, -62.3492, -68.8173



42.3520, -20.8795, -23.1107

Inverse Universe

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



145.0000, 54.2300, 59.6360



123.2370, 64.9592, 71.7062



153.1120, 31.0038, 89.3558



119.1730, 4.3517, 4.2333



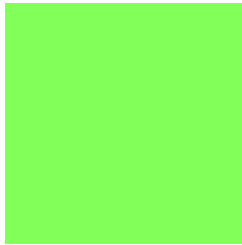
64.5310, 62.3492, 68.8173



21.6480, 20.8795, 23.1107

Previews

White Background



This preview shows how the YUV color 199.0000, -54.2300, -59.6360 looks on a white background.

Color Contrast Check

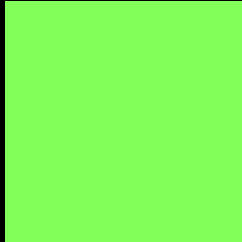
Large Text (above 18pt) WCAG AA × Fail

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 199.0000, -54.2300, -59.6360 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

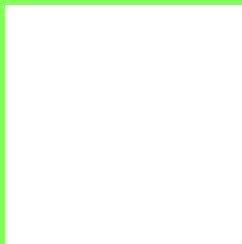
Any Text WCAG AAA ✓ Pass

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

YUV 199.0000, -54.2300, -59.6360 Background



This preview shows how black text looks on a background with the YUV color 199.0000, -54.2300, -59.6360.



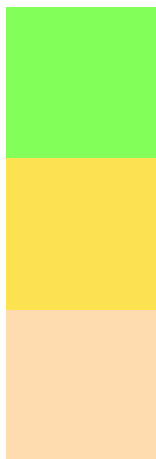
This preview shows how white text looks on a background with the YUV color 199.0000, -54.2300, -59.6360.

-59.6360.

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

199.0000, -54.2300, -59.6360

Protanopia

217.2440, -67.1683, 30.4810

Deuteranopia

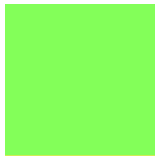
225.4490, -24.3784, 25.9162



Tritanopia

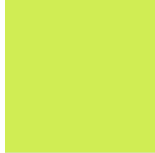
218.7200, 17.8860, -43.6044

Trichromacy



Original Color

199.0000, -54.2300, -59.6360



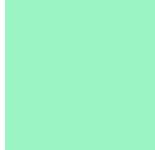
Protanomaly

210.8870, -62.5553, -2.5319



Deuteranomaly

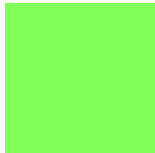
215.9770, -35.4847, -5.2418



Tritanomaly

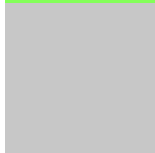
211.8030, -8.2839, -49.8162

Monochromacy



Original Color

199.0000, -54.2300, -59.6360



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

198.7050, -19.5746, -21.6663

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.0000, -54.2300, -59.6360 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(131, 255, 89)` looks like.

```
.text, #text, p{  
    color:rgb(131, 255, 89)  
}
```

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(131, 255, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 255, 89) }
```

Border

The CSS property to change the border of an element to YUV 199.0000, -54.2300, -59.6360 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(131, 255, 89) }
```


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

```
.border{ border-color:rgb(131, 255, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 255, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 255, 89); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 255, 89); box-shadow:4px 4px 4px 4px rgb(131, 255, 89) }
```

Background

The CSS property to change the background color of an element to YUV 199.0000, -54.2300, -59.6360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 255, 89) }
```

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

```
.background{ background-color: rgb(131,  
255, 89) }
```

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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