

Converting Colors

YUV(194.8740, -29.5179,
-52.5095)

Have a look what the booklet for
YUV(194.8740, -29.5179, -52.5095)
contains.

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Color

**YUV(194.8740, -29.5179,
-52.5095)**

Conversions

Conversions Part 1

Format	Color
Hex	87ED87
RGB	135, 237, 135
RGB Percent	53%, 93%, 53%
CMY	0.4706, 0.0706, 0.4706
CMYK	0.43, 0.00, 0.43, 0.07
HSL	120°, 74%, 73%
HSV	120°, 43%, 93%
XYZ	44.6490, 67.4685, 33.5912
YIQ	194.8740, -28.0500, -53.3460

Conversions

Conversions Part 2

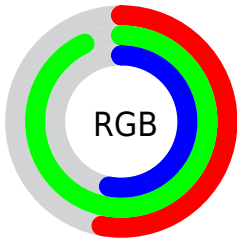
Format	Color
RYB	135, 237, 237
Decimal	8908167
CIELab	85.74, -49.85, 40.27
CIELCh	86, 64.088, 141.067
Yxy	67.4685, 0.3064, 0.4630
Android (android.graphics.Color)	4287098247 (0xFF87ED87)
YUV	194.8740, -29.5179, -52.5095
Hunter-Lab	82.1392, -46.7151, 33.2506

Details

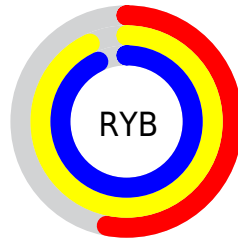
The YUV color **194.8740, -29.5179, -52.5095** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **177.1260, 29.5179, 52.5095**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.9380, -19.6894, -31.5176**, and **138.1450, -27.1865, -53.6242** is the 20% darker color. If you saturate the color by 10%, you get **184.9620, -36.4633, -64.8647**, and if you desaturate by 10%, it is **204.7860, -22.5725, -40.1543**.

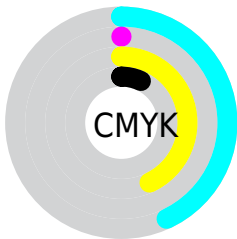
Distribution



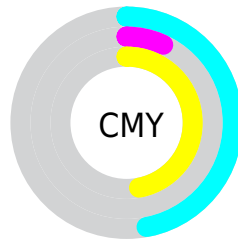
- Red (53%)
- Green (93%)
- Blue (53%)



- Red (53%)
- Yellow (93%)
- Blue (93%)



- Cyan (43%)
- Magenta (0%)
- Yellow (43%)
- Black (7%)



- Cyan (47%)
- Magenta (7%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.8740, -29.5179, -52.5095 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 194.8740, -29.5179, -52.5095 by changing the saturation by 10% instead.

■ 194.8740,
-29.5179, -52.5095

■ 194.8740,
-29.5179, -52.5095

255.0000, 0.0000,
0.0000

■ 166.2160,
-28.2075, -52.8094

■ 228.9380,
-19.6894, -31.5176

■ 138.1450,
-27.1865, -53.6242

■ 240.9150,
-11.2971, -16.5885

■ 110.1770,
-25.7233, -56.2832

■ 253.1910, -3.0522,
-1.0445

■ 77.7240, -22.0489,
-68.1639

■ 59.6290, -27.9181,
-52.2946

■ 44.0250, -21.7043,
-38.6099

■ 30.5240, -15.0483,

-26.7695

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 194.8740,
-29.5179, -52.5095

■ 194.8740,
-29.5179, -52.5095

■ 184.9620,
-36.4633, -64.8647

■ 204.7860,
-22.5725, -40.1543

■ 175.4630,
-43.1193, -76.7051

■ 214.2850,
-15.9165, -28.3139

■ 165.5510,
-50.0646, -89.0602

■ 224.1970, -8.9711,
-15.9588

■ 155.6390,
-57.0100, -101.4154

■ 234.1090, -2.0257,
-3.6036

■ 145.7270,
-63.9554, -113.7706

■ 243.6080, 4.6303,
8.2368

■ 139.1190,
-68.5857, -122.0074

■ 244.4340, 5.2090,
9.2664

Harmonies

Analogous

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



204.2110, -53.8410, 2.4460



194.8740, -29.5179, -52.5095



165.3440, 14.1274, -145.0067

Triad

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



194.8740, -29.5179, -52.5095



161.7320, 45.9811, -141.8390



192.9360, -9.3354, 54.4301

Complementary

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



194.8740, -29.5179, -52.5095



177.1260, 29.5179, 52.5095

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.



199.3030, 17.5986, 48.8463



194.8740, -29.5179, -52.5095



206.2040, 24.0564, -15.9649

Square

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



194.8740, -29.5179, -52.5095



169.3630, 42.2190, -148.5314



211.5620, 21.4149, 38.0951



196.9870, -36.9686, 50.8774

Rectangle

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



194.8740, -29.5179, -52.5095



170.7190, 32.1835, -149.7206



211.5620, 21.4149, 38.0951



193.4550, 0.2687, 53.9750

Sweetspot

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



194.8740, -29.5179, -52.5095



241.3710, -9.5499, -16.9884



225.3720, -44.5534, 10.1978



119.3270, -6.0772, -10.8108



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.



194.8740, -29.5179, -52.5095



200.0710, -38.4890, -68.4683



200.6880, -7.2412, -57.6084



112.4570, -3.1833, -5.6628



106.2470, -52.3798, -93.1786



31.6980, -15.6271, -27.7991

Inverse Universe

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



177.1260, 29.5179, 52.5095



176.9290, 38.4890, 68.4683



171.3120, 7.2412, 57.6084



110.5430, 3.1833, 5.6628



74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Previews

White Background



This preview shows how the YUV color 194.8740, -29.5179, -52.5095 looks on a white background.

Color Contrast Check

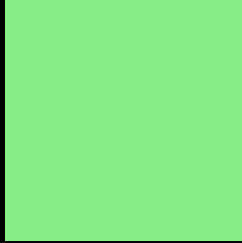
Large Text (above 18pt) WCAG AA × Fail

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 194.8740, -29.5179, -52.5095 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 194.8740, -29.5179, -52.5095 Background



This preview shows how black text looks on a background with the YUV color 194.8740, -29.5179, -52.5095.



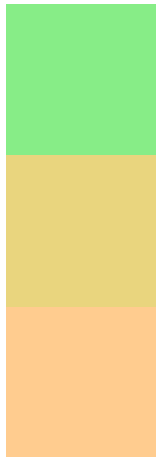
This preview shows how white text looks on a background with the YUV color 194.8740, -29.5179, -52.5095.

-52.5095.

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

194.8740, -29.5179, -52.5095

Protanopia

209.0620, -40.9496, 20.9936

Deuteranopia

212.2950, -34.1624, 37.4523



Tritanopia

206.7200, 17.8860, -43.6044

Trichromacy



Original Color

194.8740, -29.5179, -52.5095



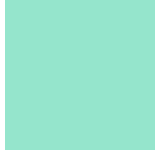
Protanomaly

203.9230, -36.9370, -6.0715



Deuteranomaly

205.8410, -32.4596, 4.5244



Tritanomaly

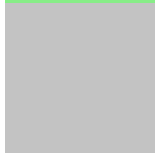
202.2300, 0.8726, -46.6827

Monochromacy



Original Color

194.8740, -29.5179, -52.5095



Achromatopsia

195.0000, 0.0000, 0.0000



Achromatomaly

194.7190, -10.7075, -19.0476

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.8740, -29.5179, -52.5095 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(135, 237, 135)` looks like.

```
.text, #text, p{  
    color:rgb(135, 237, 135)  
}
```

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(135, 237, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 237, 135) }
```

Border

The CSS property to change the border of an element to YUV 194.8740, -29.5179, -52.5095 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(135, 237, 135) }
```


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

```
.border{ border-color:rgb(135, 237, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 237, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 237, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 237, 135);  
box-shadow:4px 4px 4px 4px rgb(135, 237,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 194.8740, -29.5179, -52.5095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 237, 135) }
```

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

```
.background{ background-color: rgb(135,  
237, 135) }
```

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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