

Converting Colors

YUV(198.8310, -34.4267,
-64.7498)

Have a look what the booklet for
YUV(198.8310, -34.4267, -64.7498)
contains.

YUV(198.8310, -34.4267, -64.7498)	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(198.8310, -34.4267,
-64.7498)**

Conversions

Conversions Part 1

Format	Color
Hex	7DFA81
RGB	125, 250, 129
RGB Percent	49%, 98%, 51%
CMY	0.5098, 0.0196, 0.4941
CMYK	0.50, 0.00, 0.48, 0.02
HSL	122°, 93%, 74%
HSV	122°, 50%, 98%
XYZ	46.6055, 74.3162, 32.6570
YIQ	198.8310, -35.6590, -64.1310

Conversions

Conversions Part 2

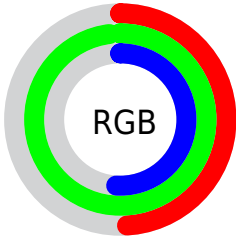
Format	Color
RYB	125, 246, 250
Decimal	8256129
CIELab	89.07, -58.62, 47.28
CIElCh	89, 75.310, 141.109
Yxy	74.3162, 0.3035, 0.4839
Android (android.graphics.Color)	4286446209 (0xFF7DFA81)
YUV	198.8310, -34.4267, -64.7498
Hunter-Lab	86.2068, -54.3605, 37.8845

Details

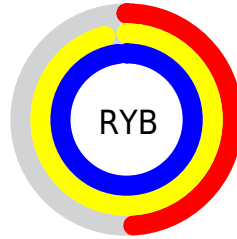
The YUV color **198.8310, -34.4267, -64.7498** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **176.1690, 34.4267, 64.7498**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.9760, -20.6942, -35.9360**, and **139.9060, -31.5057, -68.3236** is the 20% darker color. If you saturate the color by 10%, you get **188.6200, -41.2247, -77.7197**, and if you desaturate by 10%, it is **209.0420, -27.6287, -51.7798**.

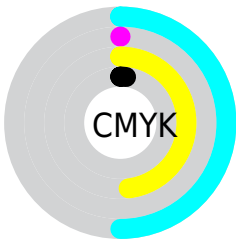
Distribution



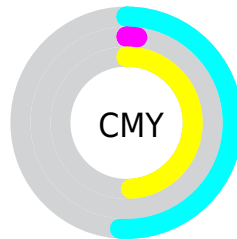
- Red (49%)
- Green (98%)
- Blue (51%)



- Red (49%)
- Yellow (96%)
- Blue (98%)



- Cyan (50%)
- Magenta (0%)
- Yellow (48%)
- Black (2%)



- Cyan (51%)
- Magenta (2%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.8310, -34.4267, -64.7498 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 198.8310, -34.4267, -64.7498 by changing the saturation by 10% instead.

■ 198.8310,
-34.4267, -64.7498

■ 198.8310,
-34.4267, -64.7498

255.0000, 0.0000,
0.0000

■ 169.8740,
-32.9689, -65.6645

■ 225.9760,
-20.6942, -35.9360

■ 139.9060,
-31.5057, -68.3236

■ 238.1380,
-12.8860, -20.2920

■ 106.4420,
-27.8259, -81.9486

■ 250.4140, -4.6411,
-4.7481

■ 83.5140, -30.3264,
-73.2418

■ 65.1570, -32.1224,
-57.1427

■ 49.8950, -24.5982,
-43.7579

■ 35.8070, -17.6529,

-31.4027

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,
0.0000

■ 198.8310,
-34.4267, -64.7498

■ 198.8310,
-34.4267, -64.7498

■ 188.6200,
-41.2247, -77.7197

■ 209.0420,
-27.6287, -51.7798

■ 178.4090,
-48.0226, -90.6897


■ 219.2530,
-20.8307, -38.8099


■ 168.0840,
-55.2574, -103.5597


■ 229.5780,
-13.5960, -25.9399

■ 157.8730,
-62.0554, -116.5296

■ 239.7890, -6.7980,
-12.9700

 147.6620,
-68.8534, -129.4996

 250.0000, 0.0000,
0.0000

 252.0650, 1.4470,
2.5740

Harmonies

Analogous

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



210.6380, -64.8975, 2.0715



198.8310, -34.4267, -64.7498



172.3710, 13.1281, -151.1694

Triad

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



198.8310, -34.4267, -64.7498



168.7760, 42.5084, -148.0166



191.4030, -7.5937, 55.7746

Complementary

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



198.8310, -34.4267, -64.7498



176.1690, 34.4267, 64.7498

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.



199.0240, 24.1452, 49.0910



198.8310, -34.4267, -64.7498



210.9000, 21.7413, -20.0833

Square

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



198.8310, -34.4267, -64.7498



177.5810, 38.1676, -155.7385



212.7360, 20.8362, 37.0655



197.7220, -41.7679, 50.2328

Rectangle

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



198.8310, -34.4267, -64.7498



178.0710, 34.9680, -156.1683



212.7360, 20.8362, 37.0655



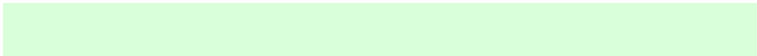
191.7910, 4.0470, 55.4343

Sweetspot

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



198.8310, -34.4267, -64.7498



239.4200, -10.5601, -19.6623



235.1520, -54.3049, 11.2677



118.5010, -6.6560, -11.8404



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.



198.8310, -34.4267, -64.7498



192.3810, -42.0928, -79.2641



205.7850, -7.7820, -70.8484



119.7450, -3.3253, -6.7924



111.6270, -52.0741, -97.8969



36.0350, -16.7793, -31.6027

Inverse Universe

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



176.1690, 34.4267, 64.7498



164.6190, 42.0928, 79.2641



169.2150, 7.7820, 70.8484



117.3690, 3.7621, 6.6924



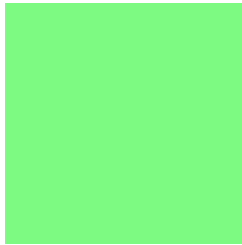
77.3730, 52.0741, 97.8969



24.9650, 16.7793, 31.6027

Previews

White Background



This preview shows how the YUV color 198.8310, -34.4267, -64.7498 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 198.8310, -34.4267, -64.7498 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

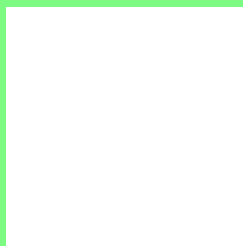
Any Text WCAG AAA ✓ Pass

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

YUV 198.8310, -34.4267, -64.7498 Background



This preview shows how black text looks on a background with the YUV color 198.8310, -34.4267, -64.7498.



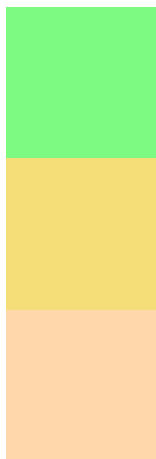
This preview shows how white text looks on a background with the YUV color 198.8310, -34.4267, -64.7498.

-64.7498.

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

198.8310, -34.4267, -64.7498

Protanopia

217.1350, -48.3806, 24.4376

Deuteranopia

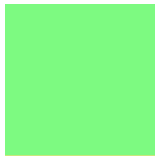
221.8300, -25.5522, 29.0901



Tritanopia

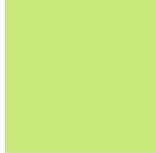
213.0500, 20.6814, -53.5408

Trichromacy



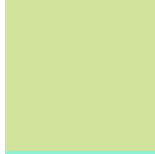
Original Color

198.8310, -34.4267, -64.7498



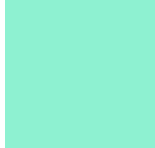
Protanomaly

210.3050, -43.0414, -8.1605



Deuteranomaly

213.6980, -28.9381, -4.9971



Tritanomaly

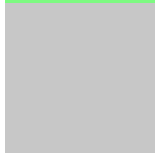
207.7510, 0.6158, -57.6636

Monochromacy



Original Color

198.8310, -34.4267, -64.7498



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

199.2300, -12.4384, -23.8807

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.8310, -34.4267, -64.7498 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(125, 250, 129)` looks like.

```
.text, #text, p{  
    color:rgb(125, 250, 129)  
}
```

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(125, 250, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 250, 129) }
```

Border

The CSS property to change the border of an element to YUV 198.8310, -34.4267, -64.7498 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(125, 250, 129) }
```


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

```
.border{ border-color:rgb(125, 250, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 250, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 250, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 250, 129);  
box-shadow:4px 4px 4px 4px rgb(125, 250,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 198.8310, -34.4267, -64.7498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 250, 129) }
```

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

```
.background{ background-color: rgb(125,  
250, 129) }
```

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