

Converting Colors

YUV(198.9310, -42.8570,
-67.4685)

Have a look what the booklet for
YUV(198.9310, -42.8570, -67.4685)
contains.

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Color

**YUV(198.9310, -42.8570,
-67.4685)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7AFF70 |
| RGB | 122, 255, 112 |
| RGB Percent | 48%, 100%, 44% |
| CMY | 0.5216, 0.0000, 0.5608 |
| CMYK | 0.52, 0.00, 0.56, 0.00 |
| HSL | 116°, 100%, 72% |
| HSV | 116°, 56%, 100% |
| XYZ | 46.7107, 76.8274, 27.6965 |
| YIQ | 198.9310, -33.3650, -72.6690 |

Conversions

Conversions Part 2

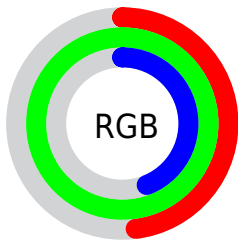
| Format | Color |
|-------------------------------------|--|
| RYB | 112, 255, 245 |
| Decimal | 8060784 |
| CIELab | 90.24, -63.37, 56.45 |
| CIELCh | 90, 84.866, 138.301 |
| Yxy | 76.8274, 0.3089, 0.5080 |
| Android (android.graphics.Color) | 4286250864 (0xFF7AFF70) |
| YUV | 198.9310, -42.8570, -67.4685 |
| Hunter-Lab | 87.6513, -58.2644, 42.6211 |

Details

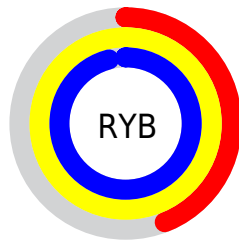
The YUV color **198.9310, -42.8570, -67.4685** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **168.0690, 42.8570, 67.4685**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.4400, -27.8249, -35.4659**, and **138.5820, -40.2199, -73.3014** is the 20% darker color. If you saturate the color by 10%, you get **188.9050, -50.2392, -79.7237**, and if you desaturate by 10%, it is **209.0710, -35.0380, -55.3133**.

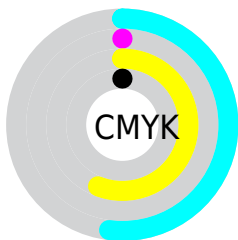
Distribution



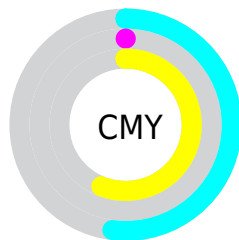
- Red (48%)
- Green (100%)
- Blue (44%)



- Red (44%)
- Yellow (100%)
- Blue (96%)



- Cyan (52%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)



- Cyan (52%)
- Magenta (0%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.9310, -42.8570, -67.4685 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 198.9310, -42.8570, -67.4685 by changing the saturation by 10% instead.

■ 198.9310,
-42.8570, -67.4685

■ 198.9310,
-42.8570, -67.4685

255.0000, 0.0000,
0.0000

■ 169.2620,
-41.5412, -69.5128

■ 223.4400,
-27.8249, -35.4659

■ 138.5820,
-40.2199, -73.3014

■ 235.6020,
-20.0168, -19.8220

■ 102.2810,
-37.1135, -89.7004

■ 248.1770,
-11.9193, -3.6632

■ 83.3540, -41.0935,
-73.1015

254.7720, -0.8736,
0.2000

■ 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

■ 198.9310,
-42.8570, -67.4685

■ 198.9310,
-42.8570, -67.4685

■ 188.9050,
-50.2392, -79.7237

■ 209.0710,
-35.0380, -55.3133

■ 179.0640,
-58.2056, -91.2641

■ 218.7980,
-27.5084, -43.6728

■ 168.9240,
-66.0245, -103.4193

■ 228.9380,
-19.6894, -31.5176

■ 158.8980,
-73.4067, -115.6745

■ 238.9640,
-12.3073, -19.2624

■ 155.0670,
-76.4480, -120.2078

■ 249.1040, -4.4883,
-7.1072

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.



211.5990, -79.1753, 8.2447



198.9310, -42.8570, -67.4685



171.4590, 9.6337, -150.3695

Triad

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



198.9310, -42.8570, -67.4685



172.8850, 40.4827, -151.6201



186.1030, -2.5158, 60.4227

Complementary

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



198.9310, -42.8570, -67.4685



168.0690, 42.8570, 67.4685

Split Complementary

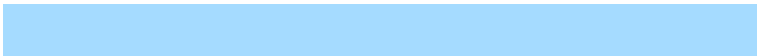
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



195.1260, 29.5179, 52.5095



198.9310, -42.8570, -67.4685



206.9580, 23.6847, -36.7972

Square

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



198.9310, -42.8570, -67.4685



178.7550, 37.5888, -156.7681



212.7360, 20.8362, 37.0655



193.5160, -42.6524, 53.9215

Rectangle

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



198.9310, -42.8570, -67.4685



177.9570, 34.5312, -156.0683



212.7360, 20.8362, 37.0655



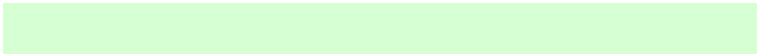
186.8330, 10.4353, 59.7825

Sweetspot

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



198.9310, -42.8570, -67.4685



238.1380, -12.8860, -20.2920



231.6540, -58.9894, 20.4744



117.8600, -7.8190, -12.1552



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.



198.9310, -42.8570, -67.4685



187.9650, -51.2547, -80.6533



202.7810, -15.1750, -79.6149



122.9300, -3.9095, -6.0776



116.0040, -57.1900, -90.3345



38.7640, -19.1107, -30.4880

Inverse Universe

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



168.0690, 42.8570, 67.4685



151.0350, 51.2547, 80.6533



164.2190, 15.1750, 79.6149



120.0700, 3.9095, 6.0776



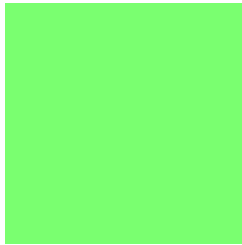
74.9960, 57.1900, 90.3345



24.9370, 19.2581, 29.8733

Previews

White Background



This preview shows how the YUV color 198.9310, -42.8570, -67.4685 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 198.9310, -42.8570, -67.4685 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

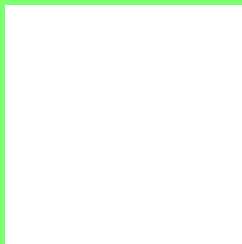
Any Text WCAG AAA ✓ Pass

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

YUV 198.9310, -42.8570, -67.4685 Background



This preview shows how black text looks on a background with the YUV color 198.9310, -42.8570, -67.4685.



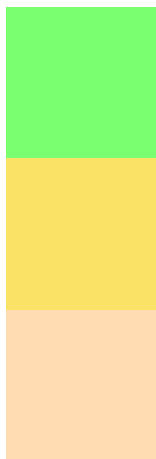
This preview shows how white text looks on a background with the YUV color 198.9310, -42.8570, -67.4685.

-67.4685.

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

198.9310, -42.8570, -67.4685

Protanopia

219.1540, -57.2639, 27.0519

Deuteranopia

225.5630, -23.9416, 25.8162



Tritanopia

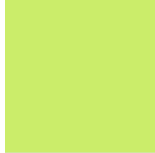
217.8120, 18.3337, -47.1931

Trichromacy



Original Color

198.9310, -42.8570, -67.4685



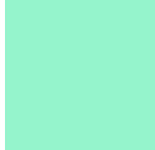
Protanomaly

211.9000, -52.2087, -7.8053



Deuteranomaly

216.1060, -31.1113, -7.9860



Tritanomaly

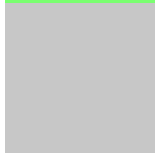
210.9210, -3.9051, -54.3047

Monochromacy



Original Color

198.9310, -42.8570, -67.4685



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

198.7200, -15.6380, -24.3104

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.9310, -42.8570, -67.4685 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(122, 255, 112)` looks like.

```
.text, #text, p{  
    color:rgb(122, 255, 112)  
}
```

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(122, 255, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 255, 112) }
```

Border

The CSS property to change the border of an element to YUV 198.9310, -42.8570, -67.4685 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(122, 255, 112) }
```


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

```
.border{ border-color:rgb(122, 255, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 255, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 255, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 255, 112);  
box-shadow:4px 4px 4px 4px rgb(122, 255,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 198.9310, -42.8570, -67.4685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 255, 112) }
```

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

```
.background{ background-color: rgb(122,  
255, 112) }
```

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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