

Converting Colors

YUV(198.5140, -47.0884,
-63.5948)

Have a look what the booklet for
YUV(198.5140, -47.0884, -63.5948)
contains.

YUV(198.5140, -47.0884, -63.5948)	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(198.5140, -47.0884,
-63.5948)**

Conversions

Conversions Part 1

Format	Color
Hex	7EFE67
RGB	126, 254, 103
RGB Percent	49%, 100%, 40%
CMY	0.5059, 0.0039, 0.5961
CMYK	0.50, 0.00, 0.59, 0.00
HSL	111°, 99%, 70%
HSV	111°, 59%, 100%
XYZ	46.4942, 76.2985, 25.1086
YIQ	198.5140, -27.8170, -74.0970

Conversions

Conversions Part 2

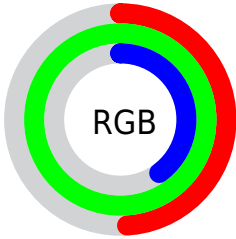
Format	Color
RYB	103, 254, 231
Decimal	8322663
CIELab	90.00, -62.92, 60.11
CIELCh	90, 87.020, 136.310
Yxy	76.2985, 0.3144, 0.5159
Android (android.graphics.Color)	4286512743 (0xFF7EFE67)
YUV	198.5140, -47.0884, -63.5948
Hunter-Lab	87.3490, -57.8487, 44.1014

Details

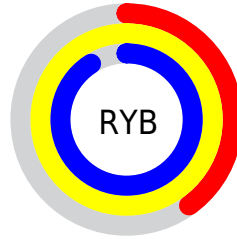
The YUV color **198.5140, -47.0884, -63.5948** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **158.4860, 47.0884, 63.5948**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6100, -32.3457, -32.1070**, and **138.2360, -45.4723, -68.6130** is the 20% darker color. If you saturate the color by 10%, you get **189.0860, -54.7654, -74.6204**, and if you desaturate by 10%, it is **207.9420, -39.4114, -52.5691**.

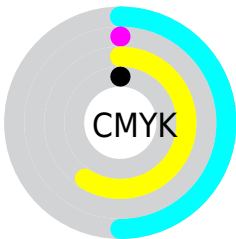
Distribution



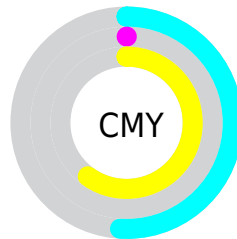
- Red (49%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (91%)



- Cyan (50%)
- Magenta (0%)
- Yellow (59%)
- Black (0%)



- Cyan (51%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.5140, -47.0884, -63.5948 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 198.5140, -47.0884, -63.5948 by changing the saturation by 10% instead.

■ 198.5140,
-47.0884, -63.5948

■ 198.5140,
-47.0884, -63.5948

255.0000, 0.0000,
0.0000

■ 169.0300,
-46.3568, -64.9243

■ 223.6100,
-32.3457, -32.1070

■ 138.2360,
-45.4723, -68.6130

■ 235.8860,
-24.1008, -16.5630

■ 99.5990, -46.1443,
-86.4713

■ 248.3470,
-16.4401, -0.3043

■ 82.7670, -40.8041,
-72.5867

■ 253.8600, -4.3680,
0.9998

■ 66.9180, -32.9906,
-58.6871

■ 51.6560, -25.4664,
-45.3023

■ 37.5680, -18.5210,

-32.9471

■ 23.4800, -11.5756,
-20.5920

■ 0.0000, 0.0000,
0.0000

■ 198.5140,
-47.0884, -63.5948

■ 198.5140,
-47.0884, -63.5948

■ 189.0860,
-54.7654, -74.6204

■ 207.9420,
-39.4114, -52.5691

■ 179.8430,
-63.0266, -84.9313

■ 217.1850,
-31.1502, -42.2582

■ 170.4150,
-70.7036, -95.9570

■ 226.6130,
-23.4732, -31.2326

■ 161.1720,
-78.9648, -106.2678

■ 235.8560,
-15.2120, -20.9217

■ 160.7590,
-79.2542, -106.7826

■ 245.2840, -7.5350,
-9.8961

254.4130, 0.2894,
0.5148

Harmonies

Analogous

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



210.1390, -84.8645, 13.0331



198.5140, -47.0884, -63.5948



170.6610, 6.5761, -149.6697

Triad

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



198.5140, -47.0884, -63.5948



174.0590, 39.9039, -152.6497



183.5100, 0.2416, 62.6967

Complementary

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



198.5140, -47.0884, -63.5948



158.4860, 47.0884, 63.5948

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



198.5140, -47.0884, -63.5948



202.1630, 26.0486, -48.3780

Square

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



198.5140, -47.0884, -63.5948



178.7550, 37.5888, -156.7681



213.3230, 20.5468, 36.5507



190.6950, -40.7686, 56.3955

Rectangle

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



198.5140, -47.0884, -63.5948



177.2730, 31.9104, -155.4684



213.3230, 20.5468, 36.5507



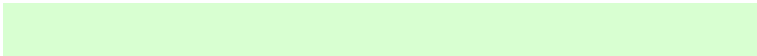
184.9410, 13.3401, 61.4417

Sweetspot

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



198.5140, -47.0884, -63.5948



238.0950, -14.3438, -19.3773



222.1110, -58.7217, 27.9667



117.5180, -9.1294, -11.8553



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.



198.5140, -47.0884, -63.5948



188.6190, -56.5072, -75.9649



197.3370, -21.8581, -82.7335



123.2290, -4.0569, -5.4628



120.7880, -59.5485, -80.4981



40.5580, -19.9951, -26.7994

Inverse Universe

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



158.4860, 47.0884, 63.5948



140.3810, 56.5072, 75.9649



159.6630, 21.8581, 82.7335



119.7710, 4.0569, 5.4628



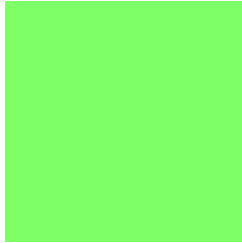
70.2120, 59.5485, 80.4981



23.4420, 19.9951, 26.7994

Previews

White Background



This preview shows how the YUV color 198.5140, -47.0884, -63.5948 looks on a white background.

Color Contrast Check

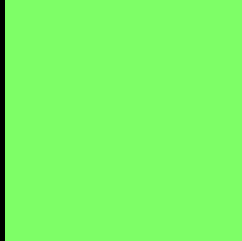
Large Text (above 18pt) WCAG AA × Fail

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 198.5140, -47.0884, -63.5948 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

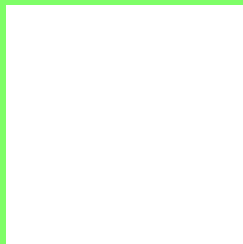
Any Text WCAG AAA ✓ Pass

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

YUV 198.5140, -47.0884, -63.5948 Background



This preview shows how black text looks on a background with the YUV color 198.5140, -47.0884, -63.5948.



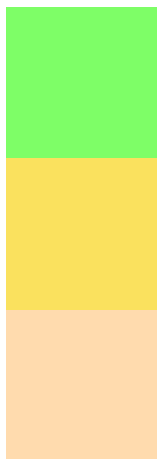
This preview shows how white text looks on a background with the YUV color 198.5140, -47.0884, -63.5948.

-63.5948.

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

198.5140, -47.0884, -63.5948

Protanopia

217.5410, -60.9057, 28.4665

Deuteranopia

224.6340, -24.9626, 26.6310



Tritanopia

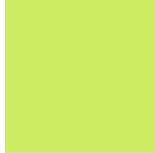
216.9260, 18.7705, -47.2931

Trichromacy



Original Color

198.5140, -47.0884, -63.5948



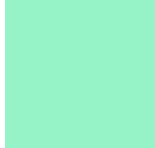
Protanomaly

210.8850, -56.1453, -5.1611



Deuteranomaly

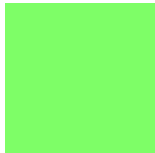
215.2480, -33.1533, -6.3565



Tritanomaly

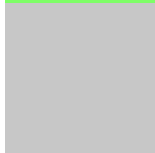
210.2910, -5.0735, -52.8752

Monochromacy



Original Color

198.5140, -47.0884, -63.5948



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

198.6770, -17.0958, -23.3957

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.5140, -47.0884, -63.5948 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(126, 254, 103)` looks like.

```
.text, #text, p{  
    color:rgb(126, 254, 103)  
}
```

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(126, 254, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 254, 103) }
```

Border

The CSS property to change the border of an element to YUV 198.5140, -47.0884, -63.5948 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(126, 254, 103) }
```


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

```
.border{ border-color:rgb(126, 254, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 254, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 254, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 254, 103);  
box-shadow:4px 4px 4px 4px rgb(126, 254,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 198.5140, -47.0884, -63.5948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 254, 103) }
```

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

```
.background{ background-color: rgb(126,  
254, 103) }
```

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