

Converting Colors

YUV(198.1190, -34.5687,
-65.8794)

Have a look what the booklet for
YUV(198.1190, -34.5687, -65.8794)
contains.

YUV(198.1190, -34.5687, -65.8794)	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(198.1190, -34.5687,
-65.8794)**

Conversions

Conversions Part 1

Format	Color
Hex	7BFA80
RGB	123, 250, 128
RGB Percent	48%, 98%, 50%
CMY	0.5176, 0.0196, 0.4980
CMYK	0.51, 0.00, 0.49, 0.02
HSL	122°, 93%, 73%
HSV	122°, 51%, 98%
XYZ	46.2503, 74.1407, 32.2950
YIQ	198.1190, -36.5300, -64.8660

Conversions

Conversions Part 2

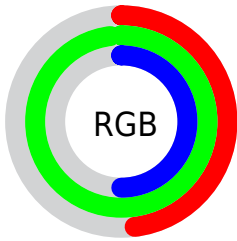
Format	Color
RYB	123, 245, 250
Decimal	8125056
CIELab	88.99, -59.26, 47.64
CIELCh	89, 76.036, 141.208
Yxy	74.1407, 0.3029, 0.4856
Android (android.graphics.Color)	4286315136 (0xFF7BFA80)
YUV	198.1190, -34.5687, -65.8794
Hunter-Lab	86.1050, -54.8046, 38.0358

Details

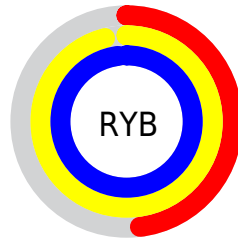
The YUV color **198.1190, -34.5687, -65.8794** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **174.8810, 34.5687, 65.8794**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.2640, -20.8362, -37.0655**, and **138.8950, -31.5002, -70.0679** is the 20% darker color. If you saturate the color by 10%, you get **187.9080, -41.3666, -78.8493**, and if you desaturate by 10%, it is **208.3300, -27.7707, -52.9094**.

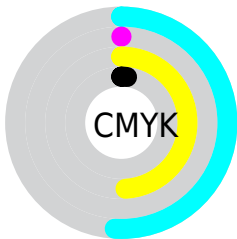
Distribution



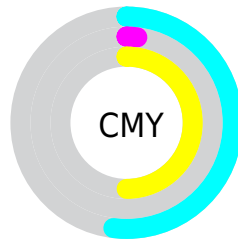
- Red (48%)
- Green (98%)
- Blue (50%)



- Red (48%)
- Yellow (96%)
- Blue (98%)



- Cyan (51%)
- Magenta (0%)
- Yellow (49%)
- Black (2%)



- Cyan (52%)
- Magenta (2%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.1190, -34.5687, -65.8794 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 198.1190, -34.5687, -65.8794 by changing the saturation by 10% instead.

■ 198.1190,
-34.5687, -65.8794

■ 198.1190,
-34.5687, -65.8794

255.0000, 0.0000,
0.0000

■ 168.8630,
-32.9635, -67.4089

■ 225.2640,
-20.8362, -37.0655

■ 138.8950,
-31.5002, -70.0679

■ 237.4260,
-13.0280, -21.4216

■ 103.3380,
-26.7886, -87.9964

■ 249.7020, -4.7831,
-5.8777

■ 82.6990, -30.9106,
-72.5270

■ 65.1570, -32.1224,
-57.1427

■ 49.8950, -24.5982,
-43.7579

■ 35.8070, -17.6529,

-31.4027

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,
0.0000

■ 198.1190,
-34.5687, -65.8794

■ 198.1190,
-34.5687, -65.8794

■ 187.9080,
-41.3666, -78.8493

■ 208.3300,
-27.7707, -52.9094

■ 177.6970,
-48.1646, -91.8193

■ 218.5410,
-20.9727, -39.9395

■ 167.4860,
-54.9626, -104.7892

■ 228.7520,
-14.1747, -26.9695

■ 157.2750,
-61.7606, -117.7592

■ 238.9630, -7.3768,
-13.9996

■ 147.8900,
-67.9798, -129.6995

■ 249.1740, -0.5788,
-1.0296

■ 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.



210.1110, -65.6237, 1.6567



198.1190, -34.5687, -65.8794



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.



198.1190, -34.5687, -65.8794



168.7760, 42.5084, -148.0166



190.7020, -7.7411, 56.3893

Complementary

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



198.1190, -34.5687, -65.8794



174.8810, 34.5687, 65.8794

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.



197.8500, 24.7240, 50.1206



198.1190, -34.5687, -65.8794



210.3130, 22.0307, -19.5685

Square

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



198.1190, -34.5687, -65.8794



177.5810, 38.1676, -155.7385



212.1490, 21.1255, 37.5803



197.0210, -41.9154, 50.8476

Rectangle

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



198.1190, -34.5687, -65.8794



178.0710, 34.9680, -156.1683



212.1490, 21.1255, 37.5803



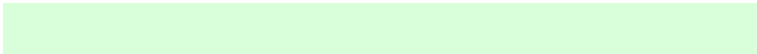
191.0900, 3.8996, 56.0491

Sweetspot

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



198.1190, -34.5687, -65.8794



239.4200, -10.5601, -19.6623



234.3260, -54.8837, 10.2381



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.



198.1190, -34.5687, -65.8794



191.3700, -42.0874, -81.0085



205.3010, -7.0504, -72.1780



119.7450, -3.3253, -6.7924



111.7410, -51.6373, -97.9969



36.0350, -16.7793, -31.6027

Inverse Universe

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



174.8810, 34.5687, 65.8794



162.7440, 42.5242, 80.9085



167.6990, 7.0504, 72.1780



117.2550, 3.3253, 6.7924



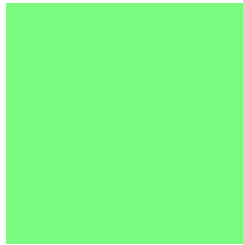
77.1450, 51.2005, 98.0968



24.9650, 16.7793, 31.6027

Previews

White Background



This preview shows how the YUV color 198.1190, -34.5687, -65.8794 looks on a white background.

Color Contrast Check

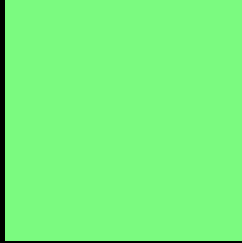
Large Text (above 18pt) WCAG AA × Fail

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 198.1190, -34.5687, -65.8794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

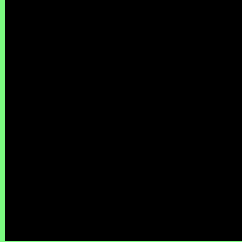
Any Text WCAG AA ✓ Pass

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 198.1190, -34.5687, -65.8794 Background



This preview shows how black text looks on a background with the YUV color 198.1190, -34.5687, -65.8794.



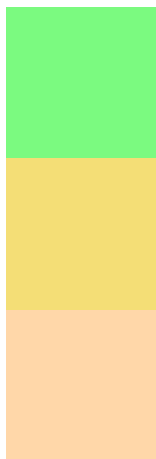
This preview shows how white text looks on a background with the YUV color 198.1190, -34.5687, -65.8794.

-65.8794.

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

198.1190, -34.5687, -65.8794

Protanopia

216.7220, -48.6699, 23.9228

Deuteranopia

221.7160, -25.9890, 29.1901



Tritanopia

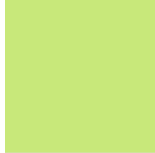
212.7510, 20.8288, -54.1556

Trichromacy



Original Color

198.1190, -34.5687, -65.8794



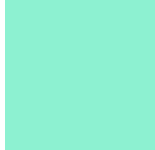
Protanomaly

209.8920, -43.3308, -8.6753



Deuteranomaly

213.2850, -29.2275, -5.5119



Tritanomaly

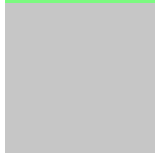
207.4520, 0.7632, -58.2784

Monochromacy



Original Color

198.1190, -34.5687, -65.8794



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

198.2300, -12.4384, -23.8807

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.1190, -34.5687, -65.8794 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(123, 250, 128)` looks like.

```
.text, #text, p{  
    color:rgb(123, 250, 128)  
}
```

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(123, 250, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 250, 128) }
```

Border

The CSS property to change the border of an element to YUV 198.1190, -34.5687, -65.8794 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(123, 250, 128) }
```


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

```
.border{ border-color:rgb(123, 250, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 250, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 250, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 250, 128);  
box-shadow:4px 4px 4px 4px rgb(123, 250,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 198.1190, -34.5687, -65.8794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 250, 128) }
```

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

```
.background{ background-color: rgb(123,  
250, 128) }
```

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