

# Converting Colors

YUV(218.9810, -38.4446,  
-35.9403)

Have a look what the booklet for  
YUV(218.9810, -38.4446, -35.9403)  
contains.

<b>YUV(218.9810, -38.4446, -35.9403)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(218.9810, -38.4446,  
-35.9403)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2FF8D
RGB	178, 255, 141
RGB Percent	70%, 100%, 55%
CMY	0.3020, 0.0000, 0.4471
CMYK	0.30, 0.00, 0.45, 0.00
HSL	101°, 100%, 78%
HSV	101°, 45%, 100%
XYZ	58.9278, 82.9081, 38.0963
YIQ	218.9810, -9.2980, -51.7780

# Conversions

## Conversions Part 2

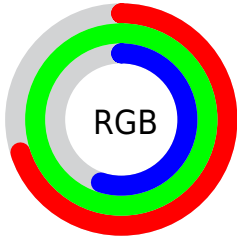
Format	Color
<a href="#">RYB</a>	<a href="#">141, 255, 218</a>
Decimal	<a href="#">11730829</a>
CIELab	<a href="#">92.97, -43.37, 46.96</a>
CIELCh	<a href="#">93, 63.920, 132.725</a>
Yxy	<a href="#">82.9081, 0.3275, 0.4608</a>
Android (android.graphics.Color)	<a href="#">4289920909 (0xFFB2FF8D)</a>
YUV	<a href="#">218.9810, -38.4446, -35.9403</a>
Hunter-Lab	<a href="#">91.0539, -43.8235, 38.9312</a>

# Details

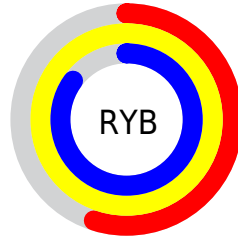
The YUV color  $218.9810, -38.4446, -35.9403$  is a light color, and the websafe version is hex  $99FF99$ . A complement of this color would be  $177.0190, 38.4446, 35.9403$ , and the grayscale version is  $219.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $242.5930, -22.9703, -5.7821$ , and  $162.7360, -36.8448, -35.7255$  is the 20% darker color. If you saturate the color by 10%, you get  $211.0480, -46.8587, -43.8921$ , and if you desaturate by 10%, it is  $227.0280, -29.5938, -28.0886$ .

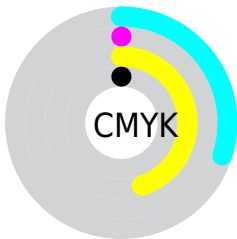
# Distribution



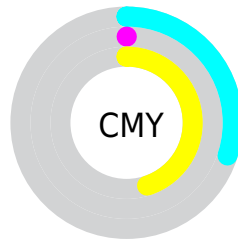
- Red (70%)
- Green (100%)
- Blue (55%)



- Red (55%)
- Yellow (100%)
- Blue (85%)



- Cyan (30%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)



- Cyan (30%)
- Magenta (0%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 218.9810, -38.4446, -35.9403 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 218.9810, -38.4446, -35.9403 by changing the saturation by 10% instead.



■ 218.9810,  
-38.4446, -35.9403

■ 218.9810,  
-38.4446, -35.9403

255.0000, 0.0000,  
0.0000

■ 190.5080,  
-37.7184, -35.5255

■ 242.5930,  
-22.9703, -5.7821

■ 162.7360,  
-36.8448, -35.7255

■ 251.5800,  
-13.1039, 2.9993

■ 134.9640,  
-35.9713, -35.9254

254.8860, -0.4368,  
0.1000

■ 107.7790,  
-35.3870, -36.6402

■ 79.6710, -38.2918,  
-38.2995

■ 54.0040, -26.6240,  
-47.3615

■ 39.3290, -19.3892,

-34.4915

■ 26.4150, -13.0226,  
-23.1660

■ 10.5660, -5.2090,  
-9.2664

■ 218.9810,  
-38.4446, -35.9403

■ 218.9810,  
-38.4446, -35.9403

■ 211.0480,  
-46.8587, -43.8921

■ 227.0280,  
-29.5938, -28.0886

■ 203.0010,  
-55.7095, -51.7439

■ 234.9610,  
-21.1798, -20.1368

■ 194.7690,  
-63.9761, -60.3104

■ 243.3070,  
-12.4764, -11.6702

■ 186.7220,  
-72.8269, -68.1622

■ 251.2400, -4.0623,  
-3.7185

■ 178.7890, 255.0000, 0.0000,  
-81.2410, -76.1140 0.0000

■ 174.5020,  
-86.0295, -80.2473

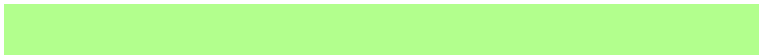
# Harmonies

## Analogous

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



226.9740, -57.6682, 16.6858



218.9810, -38.4446, -35.9403



195.9490, 0.0251, -101.6873

# Triad

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



218.9810, -38.4446, -35.9403



176.4070, 38.7463, -154.7089



207.7200, 1.6170, 41.4646

# Complementary

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



218.9810, -38.4446, -35.9403



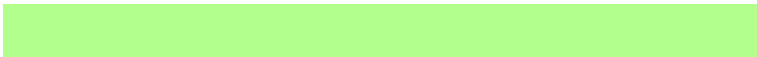
177.0190, 38.4446, 35.9403

# Split Complementary

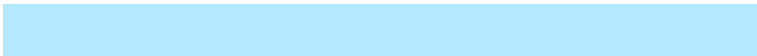
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215.6710, 19.3892, 34.4915



218.9810, -38.4446, -35.9403



218.7750, 17.8589, -34.8827

# Square

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



218.9810, -38.4446, -35.9403



178.7550, 37.5888, -156.7681



227.4110, 13.6014, 24.1956

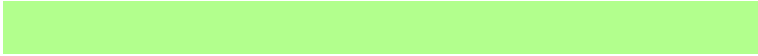


209.4400, -27.3319, 39.9561



# Rectangle

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



218.9810, -38.4446, -35.9403



176.9310, 30.6000, -155.1685



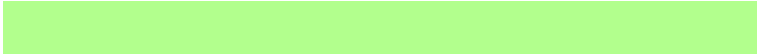
227.4110, 13.6014, 24.1956



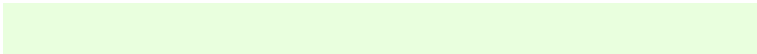
210.1140, 10.7898, 39.3650

# Sweetspot

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



218.9810, -38.4446, -35.9403



244.6600, -11.1714, -10.2258



219.6980, -38.7981, 30.9599



121.4200, -7.1091, -6.5073



0.0000, 0.0000, 0.0000

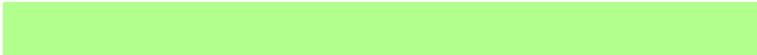


128.0000, 0.0000, 0.0000



# Same Dimension

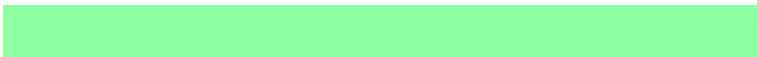
The Same Dimension uses a secret algorithm to generate beautiful new colors.



218.9810, -38.4446, -35.9403



211.4610, -46.5693, -43.3773



210.0840, -24.6914, -60.5867



123.8270, -4.3517, -4.2333



130.6550, -64.4129, -60.2104



43.8470, -21.6166, -20.0368



# Inverse Universe

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



177.0190, 38.4446, 35.9403



160.5390, 46.5693, 43.3773



185.9160, 24.6914, 60.5867



118.8740, 4.4991, 3.6185



60.3450, 64.4129, 60.2104

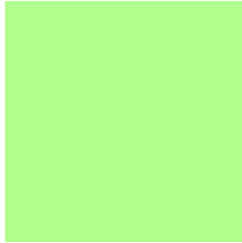


20.1530, 21.6166, 20.0368



# Previews

## White Background



This preview shows how the YUV color 218.9810, -38.4446, -35.9403 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 218.9810, -38.4446, -35.9403 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

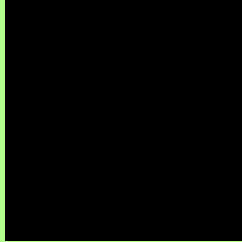
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

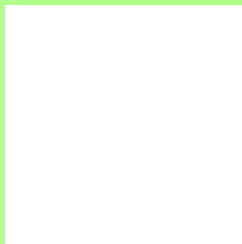
Any Text WCAG AAA ✓ Pass

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

# YUV 218.9810, -38.4446, -35.9403 Background



This preview shows how black text looks on a background with the YUV color 218.9810, -38.4446, -35.9403.



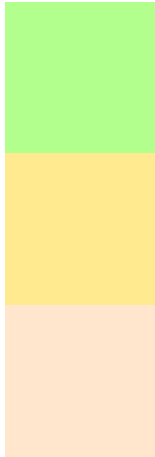
This preview shows how white text looks on a background with the YUV color 218.9810, -38.4446, -35.9403.

-35.9403.

# 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

218.9810, -38.4446, -35.9403

### Protanopia

230.0190, -42.4074, 21.9083

### Deuteranopia

234.5110, -15.0419, 17.9689



## Tritanopia

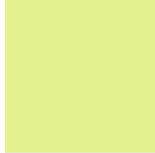
231.5440, 11.5638, -22.4021

# Trichromacy



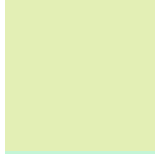
## Original Color

218.9810, -38.4446, -35.9403



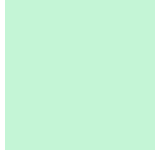
## Protanomaly

226.2290, -41.0319, 0.6762



## Deuteranomaly

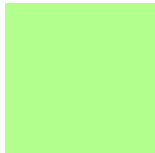
228.8000, -23.5654, -1.5786



## Tritanomaly

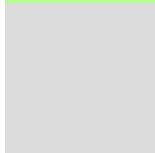
226.8150, -6.3178, -27.0248

# Monochromacy



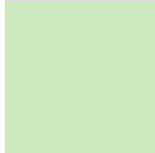
## Original Color

218.9810, -38.4446, -35.9403



## Achromatopsia

219.0000, 0.0000, 0.0000



## Achromatomaly

218.9540, -13.7813, -13.1147

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 218.9810, -38.4446, -35.9403 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(178, 255, 141)` looks like.

```
.text, #text, p{  
    color:rgb(178, 255, 141)  
}
```

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(178, 255, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 255, 141) }
```

## Border

The CSS property to change the border of an element to YUV 218.9810, -38.4446, -35.9403 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(178, 255, 141) }
```



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

```
.border{ border-color:rgb(178, 255, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 255, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 255, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 255, 141);  
box-shadow:4px 4px 4px 4px rgb(178, 255,  
141) }
```

# Background

The CSS property to change the background color of an element to YUV 218.9810, -38.4446, -35.9403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 255, 141) }
```

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

```
.background{ background-color: rgb(178,  
255, 141) }
```

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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