

# Converting Colors

YUV(219.8880, 12.8732,  
-69.1848)

Have a look what the booklet for  
YUV(219.8880, 12.8732, -69.1848)  
contains.

<b>YUV(219.8880, 12.8732, -69.1848)</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(219.8880, 12.8732,  
-69.1848)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DFFF6
RGB	141, 255, 246
RGB Percent	55%, 100%, 96%
CMY	0.4471, 0.0000, 0.0353
CMYK	0.45, 0.00, 0.04, 0.00
HSL	175°, 100%, 78%
HSV	175°, 45%, 100%
XYZ	63.3791, 83.8365, 100.0304
YIQ	219.8880, -65.0550, -26.9670

# Conversions

## Conversions Part 2

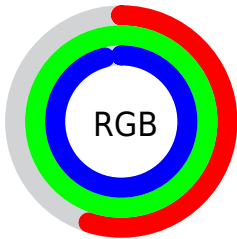
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 200, 255
Decimal	9306102
CIELab	93.38, -34.64, -5.84
CIElCh	93, 35.129, 189.571
Yxy	83.8365, 0.2563, 0.3391
Android (android.graphics.Color)	4287496182 (0xFF8DFFF6)
YUV	219.8880, 12.8732, -69.1848
Hunter-Lab	91.5623, -36.6770, -0.6798

# Details

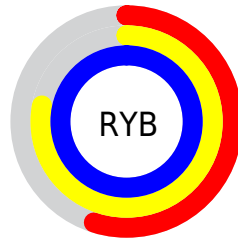
The YUV color **219.8880, 12.8732, -69.1848** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **176.1120, -12.8732, 69.1848**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.5550, 8.1074, -33.8127**, and **161.8060, 13.8996, -71.7439** is the 20% darker color. If you saturate the color by 10%, you get **212.1850, 15.6848, -84.3542**, and if you desaturate by 10%, it is **227.8900, 9.9142, -53.4005**.

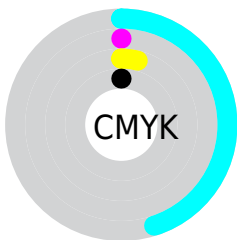
# Distribution



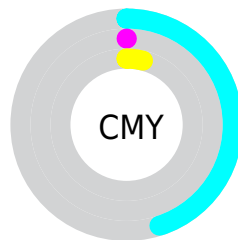
- Red (55%)
- Green (100%)
- Blue (96%)



- Red (55%)
- Yellow (78%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)




- Cyan (45%)
- Magenta (0%)
- Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 219.8880, 12.8732, -69.1848 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 219.8880, 12.8732, -69.1848 by changing the saturation by 10% instead.




 219.8880, 12.8732,  
-69.1848

 219.8880, 12.8732,  
-69.1848


255.0000, 0.0000,  
0.0000


 190.7030, 13.4574,  
-69.8995


 238.5550, 8.1074,  
-33.8127


 161.8060, 13.8996,  
-71.7439

 247.5250, 3.6852,  
-15.3694

 131.8270, 15.3683,  
-76.1473

 99.5590, 18.4584,  
-87.3132

 81.3330, 14.6258,  
-71.3290

 63.9220, 11.3775,  
-56.0596

 47.2120, 8.2765,

-41.4049

■ 31.2030, 5.3229,  
-27.3650

■ 14.8350, 3.5323,  
-13.0103

■ 219.8880, 12.8732,  
-69.1848

■ 219.8880, 12.8732,  
-69.1848

■ 212.1850, 15.6848,  
-84.3542

■ 227.8900, 9.9142,  
-53.4005

■ 204.1830, 18.6438,  
-100.1385

■ 235.5930, 7.1027,  
-38.2311

■ 196.4800, 21.4554,  
-115.3080

■ 243.5950, 4.1437,  
-22.4468

■ 188.4780, 24.4143,  
-131.0922

■ 251.2980, 1.3321,  
-7.2773

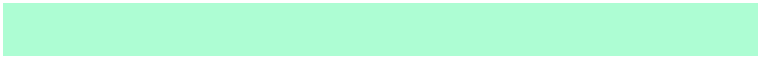
■ 180.7750, 27.2259, 255.0000, 0.0000,  
-146.2617 0.0000

■ 176.4750, 28.8528,  
-154.7686

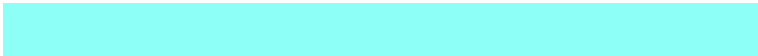
# Harmonies

## Analogous

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



224.2920, -6.5530, -44.9831



219.8880, 12.8732, -69.1848



217.6470, 18.4150, -73.3584

# Triad

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



219.8880, 12.8732, -69.1848



236.8030, 8.9711, 15.9588



228.6290, -27.4251, 23.1274

# Complementary

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



219.8880, 12.8732, -69.1848



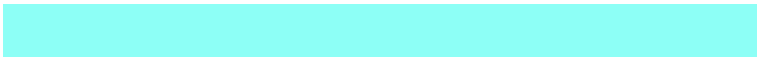
176.1120, -12.8732, 69.1848

# 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.



225.1530, -15.3584, 26.1758



219.8880, 12.8732, -69.1848



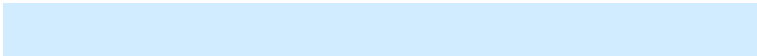
230.9330, 11.8650, 21.1068

# Square

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



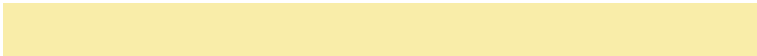
219.8880, 12.8732, -69.1848



229.5060, 12.5685, -17.9838



225.8660, 0.0661, 25.5505

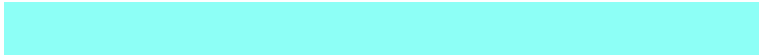


232.8360, -31.4711, 14.1758



# Rectangle

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



219.8880, 12.8732, -69.1848



219.7840, 17.3615, -62.0776



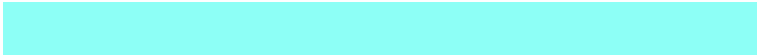
225.8660, 0.0661, 25.5505



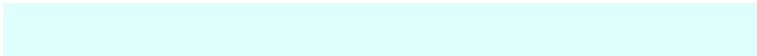
226.9650, -23.6467, 24.5867

# Sweetspot

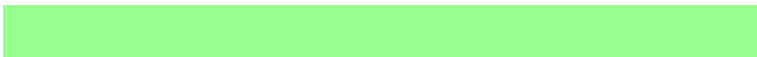
The Sweet Spot groups the original color and five complimentary colors.



219.8880, 12.8732, -69.1848



244.7910, 3.5540, -19.9877



210.9080, -34.4646, -52.5393



121.4930, 2.2220, -12.7104



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

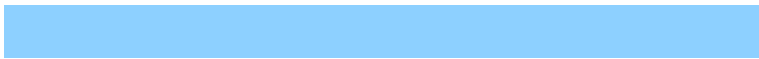
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219.8880, 12.8732, -69.1848



212.4840, 15.5374, -83.7395



193.3250, 30.4058, -45.8890



123.8850, 1.0427, -7.7921



132.1810, 21.6028, -115.9227



44.2940, 7.2501, -38.8458



# Inverse Universe

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



176.1120, -12.8732, 69.1848



159.5160, -15.5374, 83.7395



203.2620, -30.6952, 45.3742



119.0010, -1.4795, 7.8921



58.8190, -21.6028, 115.9227

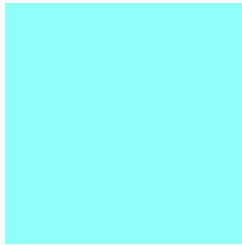


19.7060, -7.2501, 38.8458



# Previews

## White Background



This preview shows how the YUV color 219.8880, 12.8732, -69.1848 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

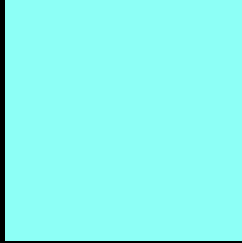
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 219.8880, 12.8732, -69.1848 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 219.8880, 12.8732, -69.1848 Background



This preview shows how black text looks on a background with the YUV color 219.8880, 12.8732, -69.1848.



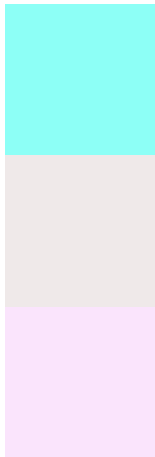
This preview shows how white text looks on a background with the YUV color 219.8880, 12.8732, -69.1848.

-69.1848.

# 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

219.8880, 12.8732, -69.1848

### Protanopia

234.7940, -0.8844, 3.6887

### Deuteranopia

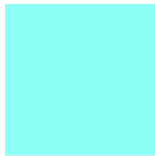
237.3140, 7.2402, 11.1256



## **Tritanopia**

230.6030, 12.0277, -31.2238

# Trichromacy



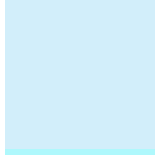
## Original Color

219.8880, 12.8732, -69.1848



## Protanomaly

229.2960, 4.2911, -23.0616



## Deuteranomaly

230.9960, 9.3690, -18.4135



## Tritanomaly

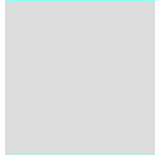
226.6290, 12.5079, -45.2786

# Monochromacy



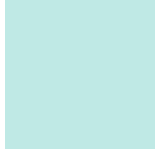
## Original Color

219.8880, 12.8732, -69.1848



## Achromatopsia

220.0000, 0.0000, 0.0000



## Achromatomaly

219.9860, 4.4439, -25.4207

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 219.8880, 12.8732, -69.1848 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(141, 255, 246)` looks like.

```
.text, #text, p{  
    color:rgb(141, 255, 246)  
}
```

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(141, 255, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 255, 246) }
```

## Border

The CSS property to change the border of an element to YUV 219.8880, 12.8732, -69.1848 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(141, 255, 246) }
```



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

```
.border{ border-color:rgb(141, 255, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 255, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 255, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 255, 246);  
box-shadow:4px 4px 4px 4px rgb(141, 255,  
246) }
```

# Background

The CSS property to change the background color of an element to YUV 219.8880, 12.8732, -69.1848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 255, 246) }
```

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

```
.background{ background-color: rgb(141,  
255, 246) }
```

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