

# Converting Colors

YUV(217.9590, -21.6718,  
-49.0760)

Have a look what the booklet for  
YUV(217.9590, -21.6718, -49.0760)  
contains.

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# Color

**YUV(217.9590, -21.6718,  
-49.0760)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2FFAE
RGB	162, 255, 174
RGB Percent	64%, 100%, 68%
CMY	0.3647, 0.0000, 0.3176
CMYK	0.36, 0.00, 0.32, 0.00
HSL	128°, 100%, 82%
HSV	128°, 36%, 100%
XYZ	58.3003, 82.2574, 52.8489
YIQ	217.9590, -29.4270, -44.9070

# Conversions

## Conversions Part 2

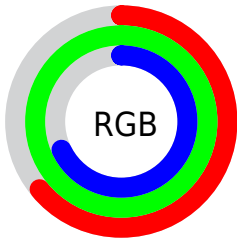
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">162, 244, 255</a>
Decimal	<a href="#">10682286</a>
CIELab	<a href="#">92.69, -43.66, 30.22</a>
CIElCh	<a href="#">93, 53.093, 145.310</a>
Yxy	<a href="#">82.2574, 0.3014, 0.4253</a>
Android (android.graphics.Color)	<a href="#">4288872366 (0xFFA2FFAE)</a>
YUV	<a href="#">217.9590, -21.6718, -49.0760</a>
Hunter-Lab	<a href="#">90.6959, -43.9760, 28.9385</a>

# Details

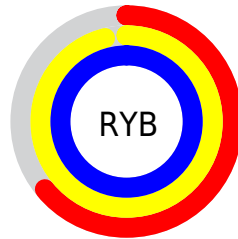
The YUV color **217.9590, -21.6718, -49.0760** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **199.0410, 21.6718, 49.0760**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.3860, -5.6133, -19.6325**, and **161.7140, -20.0720, -48.8612** is the 20% darker color. If you saturate the color by 10%, you get **207.6770, -27.4488, -62.8607**, and if you desaturate by 10%, it is **227.9420, -15.7474, -35.9061**.

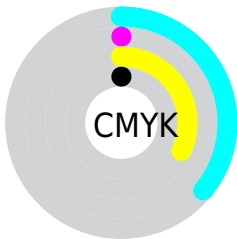
# Distribution



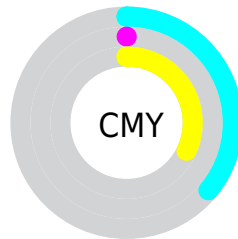
- Red (64%)
- Green (100%)
- Blue (68%)



- Red (64%)
- Yellow (96%)
- Blue (100%)



- Cyan (36%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)



- Cyan (36%)
- Magenta (0%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 217.9590, -21.6718, -49.0760 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 217.9590, -21.6718, -49.0760 by changing the saturation by 10% instead.



■ 217.9590,  
-21.6718, -49.0760

■ 217.9590,  
-21.6718, -49.0760

255.0000, 0.0000,  
0.0000

■ 189.4860,  
-20.9456, -48.6612

■ 241.3860, -5.6133,  
-19.6325

■ 161.7140,  
-20.0720, -48.8612

■ 253.2060, 0.8844,  
-3.6887

■ 134.0560,  
-18.7616, -49.1611

■ 106.6860,  
-17.5932, -50.5906

■ 76.7280, -14.6559,  
-59.3975

■ 56.1530, -15.8514,  
-49.2462

■ 39.3290, -19.3892,

-34.4915

■ 26.4150, -13.0226,  
-23.1660

■ 9.9790, -4.9196,  
-8.7516

■ 217.9590,  
-21.6718, -49.0760

■ 217.9590,  
-21.6718, -49.0760

■ 207.6770,  
-27.4488, -62.8607

■ 227.9420,  
-15.7474, -35.9061

■ 197.6940,  
-33.3731, -76.0306

■ 238.2240, -9.9704,  
-22.1214

■ 187.5970,  
-39.7343, -89.1006

■ 248.6200, -3.7567,  
-8.4367

■ 177.3150,  
-45.5113, -102.8853

255.0000, 0.0000,  
0.0000

■ 167.0330,  
-51.2883, -116.6699

■ 157.0500,  
-57.2127, -129.8399

■ 153.4470,  
-59.3804, -134.5730

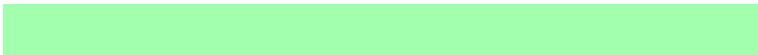
# Harmonies

## Analogous

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



225.7510, -42.7682, -2.4126



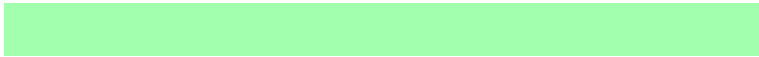
217.9590, -21.6718, -49.0760



200.3370, 11.6659, -102.0275

# Triad

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



217.9590, -21.6718, -49.0760



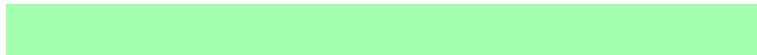
212.6850, 20.8613, -64.6217



213.2990, -10.0074, 36.5718

# Complementary

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



217.9590, -21.6718, -49.0760



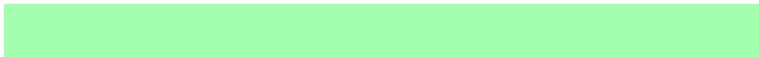
199.0410, 21.6718, 49.0760

# 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.



217.9390, 12.8481, 32.5025



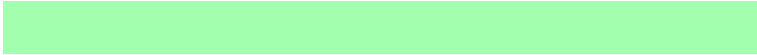
217.9590, -21.6718, -49.0760



228.4310, 13.0985, -1.2550

# Square

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



217.9590, -21.6718, -49.0760



178.1680, 37.8782, -156.2533



225.6500, 14.4696, 25.7400

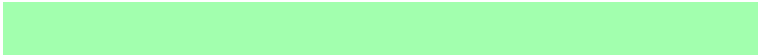


216.8430, -31.9676, 33.4637



# Rectangle

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



217.9590, -21.6718, -49.0760



178.7550, 37.5888, -156.7681



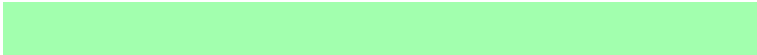
225.6500, 14.4696, 25.7400



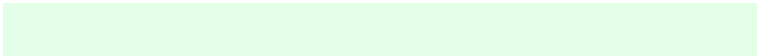
214.0630, -2.0031, 35.9017

# Sweetspot

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



217.9590, -21.6718, -49.0760



243.8920, -6.3558, -14.8143



241.1090, -39.0007, 2.5354



121.2070, -4.0461, -8.9515



0.0000, 0.0000, 0.0000

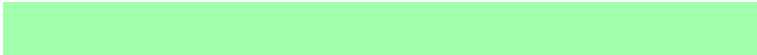


128.0000, 0.0000, 0.0000

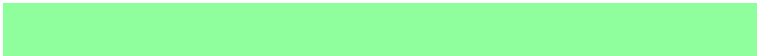


# Same Dimension

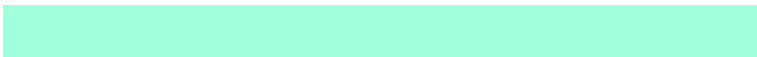
The Same Dimension uses a secret algorithm to generate beautiful new colors.



217.9590, -21.6718, -49.0760



210.3400, -26.2966, -59.0572



223.0890, -2.0159, -53.5751



122.7450, -3.3253, -6.7924



114.9670, -44.3537, -100.8261



38.4800, -15.0266, -33.7470



# Inverse Universe

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



199.0410, 21.6718, 49.0760



187.6600, 26.2966, 59.0572



193.9110, 2.0159, 53.5751



120.1410, 2.8885, 6.8923



76.1470, 44.7905, 100.7261

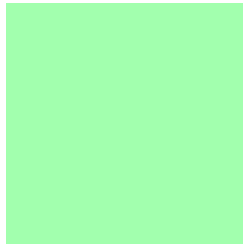


25.5200, 15.0266, 33.7470



# Previews

## White Background



This preview shows how the YUV color 217.9590, -21.6718, -49.0760 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 217.9590, -21.6718, -49.0760 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

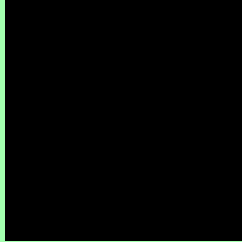
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

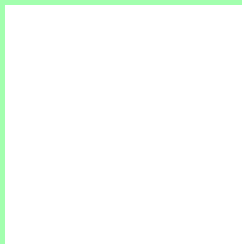
Any Text WCAG AAA ✓ Pass

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

# YUV 217.9590, -21.6718, -49.0760 Background



This preview shows how black text looks on a background with the YUV color 217.9590, -21.6718, -49.0760.



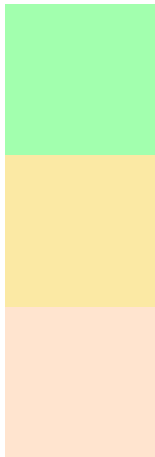
This preview shows how white text looks on a background with the YUV color 217.9590, -21.6718, -49.0760.

-49.0760.

# 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

217.9590, -21.6718, -49.0760

### Protanopia

230.5160, -32.7924, 17.9645

### Deuteranopia

233.6790, -13.1527, 18.6985



## Tritanopia

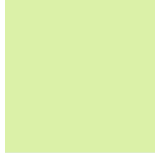
229.4400, 12.6011, -28.4499

# Trichromacy



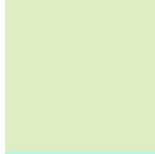
## Original Color

217.9590, -21.6718, -49.0760



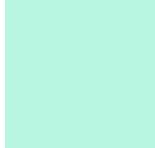
## Protanomaly

226.1000, -28.6433, -6.2267



## Deuteranomaly

228.0150, -16.2764, -6.1522



## Tritanomaly

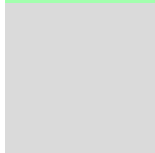
225.1820, 0.4033, -36.1166

# Monochromacy



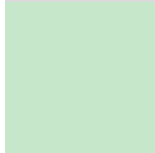
## Original Color

217.9590, -21.6718, -49.0760



## Achromatopsia

218.0000, 0.0000, 0.0000



## Achromatomaly

217.8270, -7.8027, -17.3883

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 217.9590, -21.6718, -49.0760 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(162, 255, 174)` looks like.

```
.text, #text, p{  
    color:rgb(162, 255, 174)  
}
```

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(162, 255, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 255, 174) }
```

## Border

The CSS property to change the border of an element to YUV 217.9590, -21.6718, -49.0760 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(162, 255, 174) }
```



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

```
.border{ border-color:rgb(162, 255, 174) }
```

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

Here you see how a box with a 4 pixel rgb(162, 255, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 255, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 255, 174);  
box-shadow:4px 4px 4px 4px rgb(162, 255,  
174) }
```

# Background

The CSS property to change the background color of an element to YUV 217.9590, -21.6718, -49.0760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 255, 174) }
```

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

```
.background{ background-color: rgb(162,  
255, 174) }
```

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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