

# Converting Colors

YUV(217.4470, -1.6994,  
-61.7820)

Have a look what the booklet for  
YUV(217.4470, -1.6994, -61.7820)  
contains.

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# Color

**YUV(217.4470, -1.6994,  
-61.7820)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93FED6
RGB	147, 254, 214
RGB Percent	58%, 100%, 84%
CMY	0.4235, 0.0039, 0.1608
CMYK	0.42, 0.00, 0.16, 0.00
HSL	158°, 98%, 79%
HSV	158°, 42%, 100%
XYZ	59.6120, 81.9417, 76.2928
YIQ	217.4470, -50.9320, -35.1240

# Conversions

## Conversions Part 2

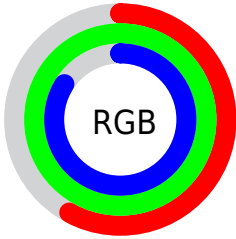
Format	Color
<a href="#">RYB</a>	<a href="#">147, 213, 254</a>
Decimal	<a href="#">9699030</a>
CIELab	<a href="#">92.55, -39.89, 9.51</a>
CIELCh	<a href="#">93, 41.012, 166.585</a>
Yxy	<a href="#">81.9417, 0.2736, 0.3761</a>
Android (android.graphics.Color)	<a href="#">4287889110 (0xFF93FED6)</a>
YUV	<a href="#">217.4470, -1.6994, -61.7820</a>
Hunter-Lab	<a href="#">90.5217, -40.8637, 13.3948</a>

# Details

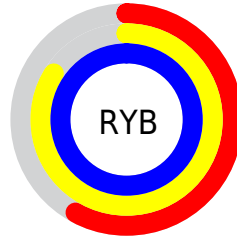
The YUV color **217.4470, -1.6994, -61.7820** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **183.5530, 1.6994, 61.7820**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.0500, 7.3704, -30.7388**, and **160.3760, -0.6784, -62.5968** is the 20% darker color. If you saturate the color by 10%, you get **208.9460, -1.9454, -76.2516**, and if you desaturate by 10%, it is **225.9480, -1.4534, -47.3124**.

# Distribution



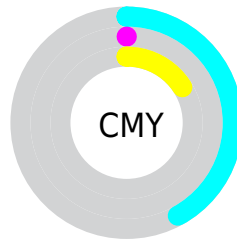
- Red (58%)
- Green (100%)
- Blue (84%)



- Red (58%)
- Yellow (84%)
- Blue (100%)



- Cyan (42%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (42%)
- Magenta (0%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 217.4470, -1.6994, -61.7820 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 217.4470, -1.6994, -61.7820 by changing the saturation by 10% instead.



 217.4470, -1.6994,  
-61.7820


 217.4470, -1.6994,  
-61.7820

255.0000, 0.0000,  
0.0000

 188.5610, -1.2626,  
-61.8820

 240.0500, 7.3704,  
-30.7388


 160.3760, -0.6784,  
-62.5968

 249.0200, 2.9481,  
-12.2955

 132.0060, 0.4900,  
-64.0263

 101.6460, 3.1325,  
-71.6035

 77.6680, 3.1217,  
-68.1148

 60.2570, -0.1267,  
-52.8454

 43.1880, -2.0647,

-37.8759

■ 27.8800, -4.8708,  
-24.4508

■ 9.3920, -4.6303,  
-8.2368

■ 217.4470, -1.6994,  
-61.7820

■ 217.4470, -1.6994,  
-61.7820

■ 208.9460, -1.9454,  
-76.2516

■ 225.9480, -1.4534,  
-47.3124

■ 200.0320, -2.4808,  
-91.2361

■ 234.8620, -0.9180,  
-32.3280

■ 191.5310, -2.7268,  
-105.7057

■ 243.3630, -0.6720,  
-17.8584

■ 182.6170, -3.2622,  
-120.6901

■ 252.2770, -0.1366,  
-2.8739

■ 174.1160, -3.5082,  
-135.1597

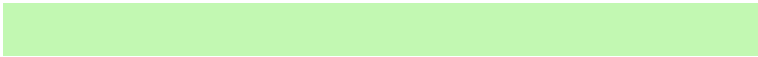
254.4130, 0.2894,  
0.5148

■ 167.2240, -4.0544,  
-146.6554

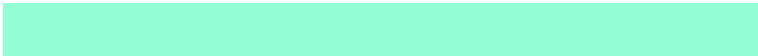
# Harmonies

## Analogous

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



223.8740, -22.6159, -26.1995



217.4470, -1.6994, -61.7820



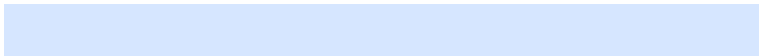
210.7480, 21.8162, -90.9870

# Triad

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



217.4470, -1.6994, -61.7820



228.0660, 13.2785, -12.3359



220.9810, -21.1896, 29.8347

# Complementary

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



217.4470, -1.6994, -61.7820



183.5530, 1.6994, 61.7820

# 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.



220.2750, -3.5866, 30.4538



217.4470, -1.6994, -61.7820



232.1070, 11.2862, 20.0772

# Square

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



217.4470, -1.6994, -61.7820



217.4580, 18.5082, -56.5297



226.0090, 13.3066, 25.4251

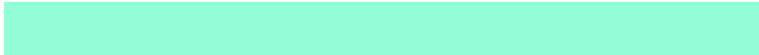


226.2180, -34.1245, 25.2418



# Rectangle

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



217.4470, -1.6994, -61.7820



207.1820, 23.5743, -94.8756



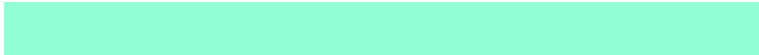
226.0090, 13.3066, 25.4251



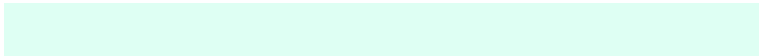
220.3600, -15.9535, 30.3793

# Sweetspot

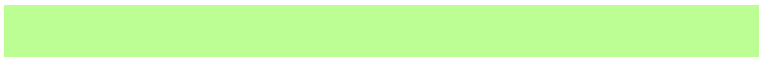
The Sweet Spot groups the original color and five complimentary colors.



217.4470, -1.6994, -61.7820



243.7650, -0.3771, -19.0879



222.0680, -37.0085, -29.8776



120.8090, -0.3988, -12.1105



0.0000, 0.0000, 0.0000

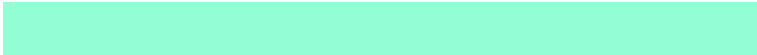


128.0000, 0.0000, 0.0000



# Same Dimension

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



217.4470, -1.6994, -61.7820



210.5440, -2.2402, -75.0221



214.9630, 19.2452, -59.6036



123.5430, -0.2677, -7.4922



125.7970, -2.8579, -110.3240



42.1280, -1.0491, -36.9463



# Inverse Universe

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



183.5530, 1.6994, 61.7820



169.4560, 2.2402, 75.0221



186.0370, -19.2452, 59.6036



119.4570, 0.2677, 7.4922



65.2030, 2.8579, 110.3240

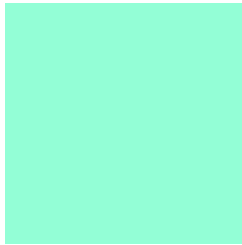


21.8720, 1.0491, 36.9463



# Previews

## White Background



This preview shows how the YUV color 217.4470, -1.6994, -61.7820 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

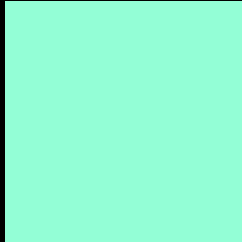
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 217.4470, -1.6994, -61.7820 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 217.4470, -1.6994, -61.7820

## Background



This preview shows how black text looks on a background with the YUV color 217.4470, -1.6994, -61.7820.



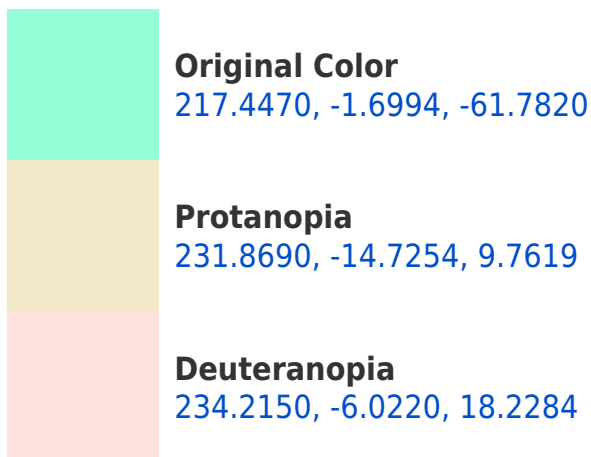
This preview shows how white text looks on a background with the YUV color 217.4470, -1.6994, -61.7820.

-61.7820.

# 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





## Tritanopia

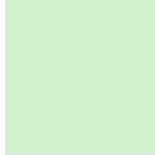
227.9340, 13.3435, -33.2681

# Trichromacy



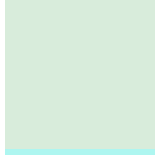
## Original Color

217.4470, -1.6994, -61.7820



## Protanomaly

226.5560, -10.1341, -16.2736



## Deuteranomaly

228.0820, -4.4774, -10.5959



## Tritanomaly

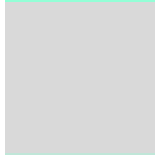
223.7880, 7.9925, -43.6641

# Monochromacy



## Original Color

217.4470, -1.6994, -61.7820



## Achromatopsia

217.0000, 0.0000, 0.0000



## Achromatomaly

217.0420, -0.5137, -21.9618

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 217.4470, -1.6994, -61.7820 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(147, 254, 214)` looks like.

```
.text, #text, p{  
    color:rgb(147, 254, 214)  
}
```

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(147, 254, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 254, 214) }
```

## Border

The CSS property to change the border of an element to YUV 217.4470, -1.6994, -61.7820 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(147, 254, 214) }
```



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

```
.border{ border-color:rgb(147, 254, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 254, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 254, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 254, 214);  
box-shadow:4px 4px 4px 4px rgb(147, 254,  
214) }
```

# Background

The CSS property to change the background color of an element to YUV 217.4470, -1.6994, -61.7820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 254, 214) }
```

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

```
.background{ background-color: rgb(147,  
254, 214) }
```

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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