

# Converting Colors

YUV(214.9730, 0.5063,  
-69.2593)

Have a look what the booklet for  
YUV(214.9730, 0.5063, -69.2593)  
contains.

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# Color

**YUV(214.9730, 0.5063,  
-69.2593)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 88FFD8                       |
| RGB         | 136, 255, 216                |
| RGB Percent | 53%, 100%, 85%               |
| CMY         | 0.4667, 0.0000, 0.1529       |
| CMYK        | 0.47, 0.00, 0.15, 0.00       |
| HSL         | 160°, 100%, 77%              |
| HSV         | 160°, 47%, 100%              |
| XYZ         | 58.3080, 81.7121, 77.6646    |
| YIQ         | 214.9730, -58.4050, -37.3570 |

# Conversions

## Conversions Part 2

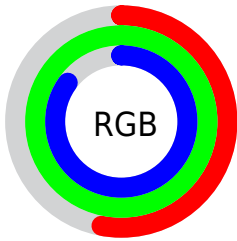
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 136, 207, 255                 |
| Decimal                             | 8978392                       |
| CIELab                              | 92.45, -42.60, 8.28           |
| CIELCh                              | 92, 43.397, 168.999           |
| Yxy                                 | 81.7121, 0.2679,<br>0.3754    |
| Android<br>(android.graphics.Color) | 4287168472<br>(0xFF88FFD8)    |
| YUV                                 | 214.9730, 0.5063,<br>-69.2593 |
| Hunter-Lab                          | 90.3947, -43.0516,<br>12.3360 |

# Details

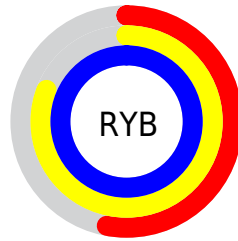
The YUV color **214.9730, 0.5063, -69.2593** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **176.0270, -0.5063, 69.2593**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.0600, 8.8444, -36.8866**, and **157.3040, 1.8221, -71.3036** is the 20% darker color. If you saturate the color by 10%, you get **206.5860, 0.6971, -83.8289**, and if you desaturate by 10%, it is **223.6590, 0.1681, -54.0749**.

# Distribution



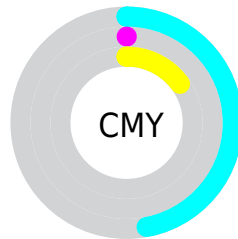
- Red (53%)
- Green (100%)
- Blue (85%)



- Red (53%)
- Yellow (81%)
- Blue (100%)



- Cyan (47%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)




- Cyan (47%)
- Magenta (0%)
- Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 214.9730, 0.5063, -69.2593 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 214.9730, 0.5063, -69.2593 by changing the saturation by 10% instead.



 214.9730, 0.5063,  
-69.2593

 214.9730, 0.5063,  
-69.2593

255.0000, 0.0000,  
0.0000

 185.7880, 1.0905,  
-69.9741

 237.0600, 8.8444,  
-36.8866


 157.3040, 1.8221,  
-71.3036

 246.0300, 4.4222,  
-18.4433

 127.1400, 3.8750,  
-76.4218

 96.4810, 6.6649,  
-84.6138

 78.3690, 3.2691,  
-68.7296

 60.4850, 0.7469,  
-53.0453

 43.8890, -1.9173,

-38.4907

■ 28.1080, -3.9972,  
-24.6507

■ 9.3920, -4.6303,  
-8.2368

■ 214.9730, 0.5063,  
-69.2593

■ 214.9730, 0.5063,  
-69.2593

■ 206.5860, 0.6971,  
-83.8289

■ 223.6590, 0.1681,  
-54.0749

■ 197.7860, 0.5985,  
-98.9133

■ 232.1600, 0.4141,  
-39.6053

■ 189.3990, 0.7893,  
-113.4829

■ 240.8460, 0.0759,  
-24.4209

■ 180.7130, 1.1275,  
-128.6673

■ 249.2330, -0.1149,  
-9.8513

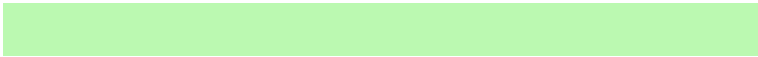
■ 172.2120, 0.8815, 255.0000, 0.0000,  
-143.1369 0.0000

■ 169.1790, 0.8978,  
-148.3700

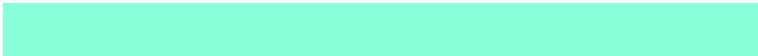
# Harmonies

## Analogous

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



222.2540, -22.3102, -30.9178



214.9730, 0.5063, -69.2593



205.6650, 24.3222, -101.4382

# Triad

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



214.9730, 0.5063, -69.2593



227.7890, 13.4150, -9.4620



220.2970, -23.8104, 30.4345

# Complementary

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



214.9730, 0.5063, -69.2593



176.0270, -0.5063, 69.2593

# 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.



218.5310, -5.1918, 31.9833



214.9730, 0.5063, -69.2593



230.3460, 12.1544, 21.6216

# Square

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



214.9730, 0.5063, -69.2593



216.2730, 19.0924, -57.2444



224.0200, 13.3011, 27.1695

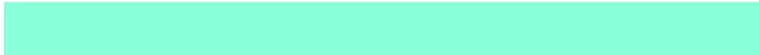


225.6480, -36.3085, 25.7417



# Rectangle

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



214.9730, 0.5063, -69.2593



202.9850, 25.6434, -105.2268



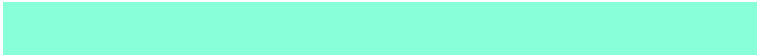
224.0200, 13.3011, 27.1695



219.2030, -17.8481, 31.3940

# Sweetspot

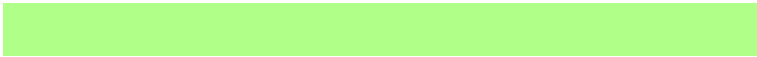
The Sweet Spot groups the original color and five complimentary colors.



214.9730, 0.5063, -69.2593



242.8680, 0.0651, -20.9322



217.8130, -40.3338, -36.6700



120.5100, -0.2514, -12.7253



0.0000, 0.0000, 0.0000

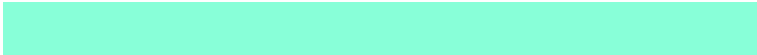


128.0000, 0.0000, 0.0000



# Same Dimension

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



214.9730, 0.5063, -69.2593



206.8850, 0.5497, -83.2141



207.6790, 23.3293, -62.8625



123.5430, -0.2677, -7.4922



126.8230, 1.0733, -111.2238



42.4700, 0.2613, -37.2462



# Inverse Universe

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



176.0270, -0.5063, 69.2593



160.1150, -0.5497, 83.2141



183.3210, -23.3293, 62.8625



119.3430, -0.1691, 7.5922



64.2910, -0.6365, 111.1238

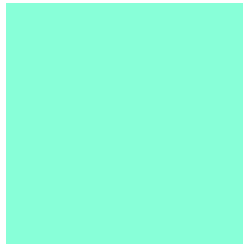


21.5300, -0.2613, 37.2462



# Previews

## White Background



This preview shows how the YUV color 214.9730, 0.5063, -69.2593 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

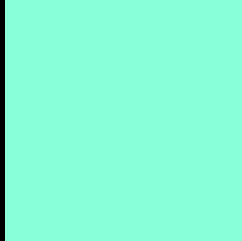
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 214.9730, 0.5063, -69.2593 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

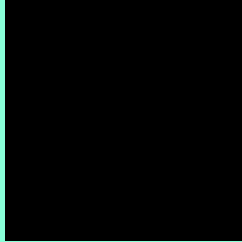
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 214.9730, 0.5063, -69.2593

## Background



This preview shows how black text looks on a background with the YUV color 214.9730, 0.5063, -69.2593.



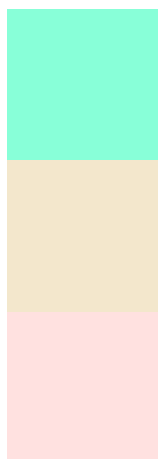
This preview shows how white text looks on a background with the YUV color 214.9730, 0.5063,

-69.2593.

# 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

214.9730, 0.5063, -69.2593

### Protanopia

231.5100, -13.5624, 10.0767

### Deuteranopia

233.8560, -4.8590, 18.5433



## Tritanopia

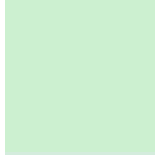
226.7380, 13.9332, -35.7272

# Trichromacy



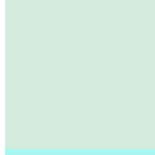
## Original Color

214.9730, 0.5063, -69.2593



## Protanomaly

225.5880, -8.6709, -18.9327



## Deuteranomaly

227.1140, -3.0142, -13.2550



## Tritanomaly

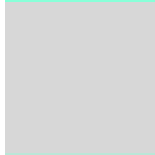
222.6950, 9.0244, -47.9675

# Monochromacy



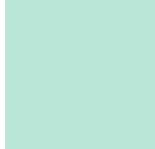
## Original Color

214.9730, 0.5063, -69.2593



## Achromatopsia

215.0000, 0.0000, 0.0000



## Achromatomaly

215.1340, -0.0661, -25.5505

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 214.9730, 0.5063, -69.2593 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(136, 255, 216)` looks like.

```
.text, #text, p{  
    color:rgb(136, 255, 216)  
}
```

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(136, 255, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 255, 216) }
```

## Border

The CSS property to change the border of an element to YUV 214.9730, 0.5063, -69.2593 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(136, 255, 216) }
```



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

```
.border{ border-color:rgb(136, 255, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 255, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 255, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 255, 216);  
box-shadow:4px 4px 4px 4px rgb(136, 255,  
216) }
```

# Background

The CSS property to change the background color of an element to YUV 214.9730, 0.5063, -69.2593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 255, 216) }
```

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

```
.background{ background-color: rgb(136,  
255, 216) }
```

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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