

# Converting Colors

YUV(220.0720, 17.2195,  
-63.2071)

Have a look what the booklet for  
YUV(220.0720, 17.2195, -63.2071)  
contains.

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# Color

**YUV(220.0720, 17.2195,  
-63.2071)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 94FAFF                       |
| RGB         | 148, 250, 255                |
| RGB Percent | 58%, 98%, 100%               |
| CMY         | 0.4196, 0.0196, 0.0000       |
| CMYK        | 0.42, 0.02, 0.00, 0.00       |
| HSL         | 183°, 100%, 79%              |
| HSV         | 183°, 42%, 100%              |
| XYZ         | 64.4483, 81.8871, 107.0167   |
| YIQ         | 220.0720, -62.3970, -20.0690 |

# Conversions

## Conversions Part 2

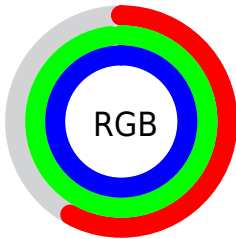
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 148, 200, 255                  |
| Decimal                             | 9763583                        |
| CIE <sub>Lab</sub>                  | 92.53, -28.51, -11.74          |
| CIE <sub>LCh</sub>                  | 93, 30.836, 202.376            |
| Yxy                                 | 81.8871, 0.2544,<br>0.3232     |
| Android<br>(android.graphics.Color) | 4287953663<br>(0xFF94FAFF)     |
| YUV                                 | 220.0720, 17.2195,<br>-63.2071 |
| Hunter-Lab                          | 90.4915, -31.2318,<br>-6.7733  |

# Details

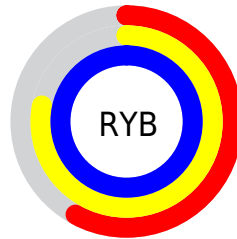
The YUV color **220.0720, 17.2195, -63.2071** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **182.9280, -17.2195, 63.2071**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6480, 7.0755, -29.5093**, and **162.4740, 17.5143, -64.4367** is the 20% darker color. If you saturate the color by 10%, you get **212.0100, 21.1941, -78.0618**, and if you desaturate by 10%, it is **228.4330, 13.0975, -47.7377**.

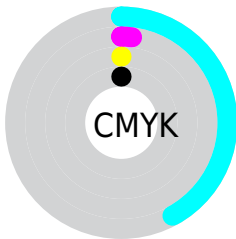
# Distribution



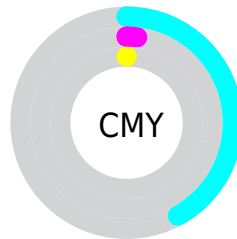
- Red (58%)
- Green (98%)
- Blue (100%)



- Red (58%)
- Yellow (78%)
- Blue (100%)



- Cyan (42%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (2%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 220.0720, 17.2195, -63.2071 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 220.0720, 17.2195, -63.2071 by changing the saturation by 10% instead.



220.0720, 17.2195,  
-63.2071

220.0720, 17.2195,  
-63.2071

255.0000, 0.0000,  
0.0000

191.0720, 17.2195,  
-63.2071

240.6480, 7.0755,  
-29.5093

162.4740, 17.5143,  
-64.4367

249.6180, 2.6533,  
-11.0660

133.9790, 18.2514,  
-67.5106

100.8140, 21.7837,  
-80.5209

79.8970, 19.2778,  
-70.0697

62.9590, 15.3032,  
-55.2150

46.2490, 12.2022,

-40.5604

■ 30.1260, 8.8119,  
-26.4205

■ 13.1710, 7.3107,  
-11.5510

■ 220.0720, 17.2195,  
-63.2071

■ 220.0720, 17.2195,  
-63.2071

■ 212.0100, 21.1941,  
-78.0618

■ 228.4330, 13.0975,  
-47.7377

■ 203.6490, 25.3160,  
-93.5312

■ 236.4950, 9.1230,  
-32.8831

■ 195.0000, 29.5800,  
-107.8710

■ 245.4430, 4.7116,  
-17.9285

■ 186.6390, 33.7020,  
-123.3404

■ 253.5050, 0.7370,  
-3.0739

■ 178.5770, 37.6765, 255.0000, 0.0000,  
-138.1950 0.0000

■ 171.7110, 41.0615,  
-150.5905

# Harmonies

## Analogous

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



222.3330, 1.3148, -48.5270



220.0720, 17.2195, -63.2071



219.8170, 17.3452, -56.8445

# Triad

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



220.0720, 17.2195, -63.2071



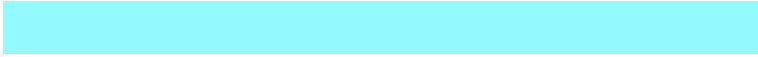
233.8680, 10.4181, 18.5328



230.6180, -27.4197, 21.3830

# Complementary

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



220.0720, 17.2195, -63.2071



182.9280, -17.2195, 63.2071

# 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.



226.2300, -18.8474, 25.2313



220.0720, 17.2195, -63.2071



228.8640, 6.4760, 22.9213

# Square

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



220.0720, 17.2195, -63.2071



231.6650, 11.5042, -3.2142



225.4440, -6.6279, 25.9206



229.9530, -25.6128, 1.7952

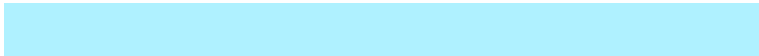


# Rectangle

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



220.0720, 17.2195, -63.2071



222.8620, 15.8440, -41.9750



225.4440, -6.6279, 25.9206



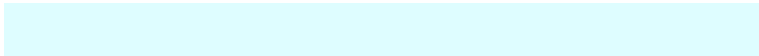
229.1990, -25.2411, 22.6275

# Sweetspot

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



220.0720, 17.2195, -63.2071



243.9590, 5.4432, -19.2580



211.2650, -29.2176, -55.4834



121.1340, 3.3849, -12.3955



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

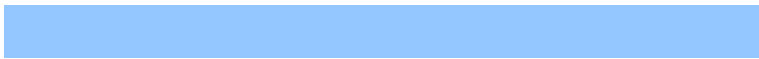
The Same Dimension uses a secret algorithm to generate beautiful new colors.



220.0720, 17.2195, -63.2071



213.5050, 20.4570, -74.9879



189.5480, 32.2678, -36.4376



123.5260, 2.2057, -7.4773



128.6080, 30.7593, -112.7892



43.1030, 10.3022, -37.8013



# Inverse Universe

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



191.6210, 28.7808, 55.5834



179.7670, 34.1319, 65.9793



213.4520, -32.2678, 36.4376



120.2550, 3.3253, 6.7924



77.8570, 51.3425, 99.2264

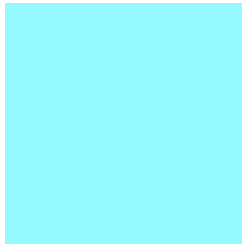


26.0900, 17.2106, 33.2471



# Previews

## White Background



This preview shows how the YUV color 220.0720, 17.2195, -63.2071 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

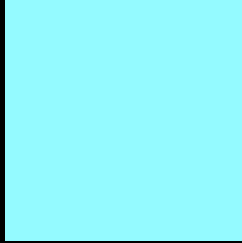
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 220.0720, 17.2195, -63.2071 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 220.0720, 17.2195, -63.2071

## Background



This preview shows how black text looks on a background with the YUV color 220.0720, 17.2195, -63.2071.



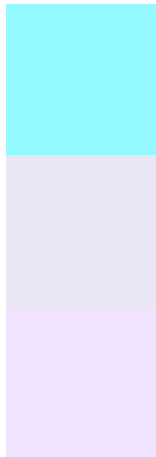
This preview shows how white text looks on a background with the YUV color 220.0720, 17.2195, -63.2071.



# 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

220.0720, 17.2195, -63.2071

### Protanopia

232.9660, 4.9468, 0.0298

### Deuteranopia

234.0790, 10.3141, 5.1927



## Tritanopia

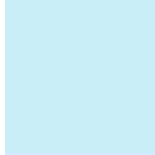
227.3360, 13.6384, -34.4977

# Trichromacy



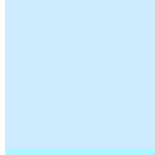
## Original Color

220.0720, 17.2195, -63.2071



## Protanomaly

228.2620, 9.2378, -23.0318



## Deuteranomaly

228.9080, 12.8634, -19.2133



## Tritanomaly

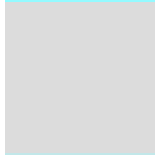
224.6120, 14.9813, -45.2637

# Monochromacy



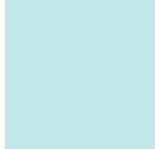
## Original Color

220.0720, 17.2195, -63.2071



## Achromatopsia

220.0000, 0.0000, 0.0000



## Achromatomaly

220.1650, 6.3277, -22.9467

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 220.0720, 17.2195, -63.2071 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(148, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(148, 250, 255)  
}
```

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(148, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 250, 255) }
```

## Border

The CSS property to change the border of an element to YUV 220.0720, 17.2195, -63.2071 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(148, 250, 255) }
```



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

```
.border{ border-color:rgb(148, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(148, 250,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 220.0720, 17.2195, -63.2071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 250, 255) }
```

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

```
.background{ background-color: rgb(148,  
250, 255) }
```

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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