

# Converting Colors

YUV(197.2670, 27.9694,  
-104.5972)

Have a look what the booklet for  
YUV(197.2670, 27.9694, -104.5972)  
contains.

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# Color

**YUV(197.2670, 27.9694,  
-104.5972)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4EF7FE
RGB	78, 247, 254
RGB Percent	31%, 97%, 100%
CMY	0.6941, 0.0314, 0.0039
CMYK	0.69, 0.03, 0.00, 0.00
HSL	182°, 99%, 65%
HSV	182°, 69%, 100%
XYZ	54.2920, 75.2970, 105.4382
YIQ	197.2670, -102.9710, -33.6510

# Conversions

## Conversions Part 2

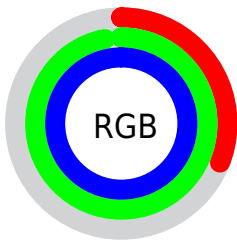
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	78, 164, 254
Decimal	5175294
CIE Lab	89.53, -40.02, -15.92
CIE LCh	90, 43.067, 201.689
Yxy	75.2970, 0.2310, 0.3204
Android (android.graphics.Color)	4283365374 (0xFF4EF7FE)
YUV	197.2670, 27.9694, -104.5972
Hunter-Lab	86.7738, -40.1716, -11.3011

# Details

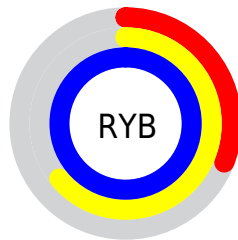
The YUV color **197.2670, 27.9694, -104.5972** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **134.7330, -27.9694, 104.5972**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3060, 15.6251, -65.1664**, and **133.9880, 31.0649, -117.5075** is the 20% darker color. If you saturate the color by 10%, you get **189.2050, 31.9439, -119.4518**, and if you desaturate by 10%, it is **205.3290, 23.9948, -89.7425**.

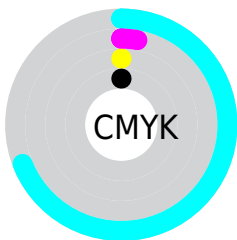
# Distribution



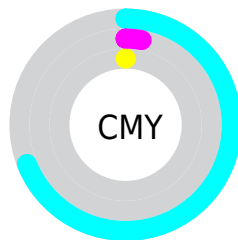
- Red (31%)
- Green (97%)
- Blue (100%)



- Red (31%)
- Yellow (64%)
- Blue (100%)



- Cyan (69%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (3%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 197.2670, 27.9694, -104.5972 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 197.2670, 27.9694, -104.5972 by changing the saturation by 10% instead.



197.2670, 27.9694,  
-104.5972

197.2670, 27.9694,  
-104.5972

255.0000, 0.0000,  
0.0000

159.8950, 32.0968,  
-121.8109

223.3060, 15.6251,  
-65.1664

133.9880, 31.0649,  
-117.5075

232.8740, 10.9081,  
-45.4935

115.0610, 27.0849,  
-100.9085

242.4420, 6.1911,  
-25.8206

96.2480, 23.5417,  
-84.4095

252.0100, 1.4741,  
-6.1478

78.0220, 19.7092,  
-68.4253

60.4970, 16.0240,  
-53.0559

43.2000, 13.2124,

-37.8864

■ 28.8380, 8.9539,  
-25.2909

■ 3.6650, 11.5042,  
-3.2142

■ 197.2670, 27.9694,  
-104.5972

■ 197.2670, 27.9694,  
-104.5972

■ 189.2050, 31.9439,  
-119.4518

■ 205.3290, 23.9948,  
-89.7425

■ 180.8440, 36.0659,  
-134.9212

■ 213.6900, 19.8728,  
-74.2731

■ 172.7820, 40.0405,  
-149.7758

■ 221.7520, 15.8983,  
-59.4185

■ 172.1840, 40.3353,  
-151.0054

■ 230.1130, 11.7763,  
-43.9491

■ 238.1750, 7.8017,  
-29.0945

■ 246.2370, 3.8272,  
-14.2398

254.2990, -0.1474,  
0.6148

254.8860, -0.4368,  
0.1000

# Harmonies

## Analogous

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



206.2330, 2.8431, -72.1183



197.2670, 27.9694, -104.5972



197.1370, 28.5265, -96.5901

# Triad

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



197.2670, 27.9694, -104.5972



225.0630, 14.7589, 26.2547



221.2140, -38.0665, 29.6303

# Complementary

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



197.2670, 27.9694, -104.5972



134.7330, -27.9694, 104.5972

# 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.



215.0480, -26.1527, 35.0379



197.2670, 27.9694, -104.5972



217.8420, 9.9379, 32.5876

# Square

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



197.2670, 27.9694, -104.5972



221.6090, 16.4618, -6.6731



213.1680, -7.9708, 36.6867



219.3200, -35.6538, 2.3504

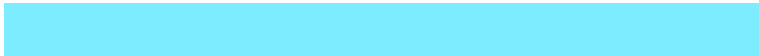


# Rectangle

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



197.2670, 27.9694, -104.5972



205.2760, 24.5139, -69.5251



213.1680, -7.9708, 36.6867



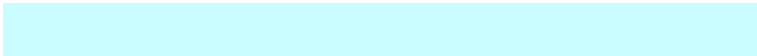
218.6210, -35.3092, 31.9044

# Sweetspot

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



197.2670, 27.9694, -104.5972



237.6800, 8.5388, -32.1684



181.9960, -48.3120, -91.2045



117.2580, 5.2958, -18.6433



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.



197.2670, 27.9694, -104.5972



186.9160, 33.5654, -126.2143



146.1980, 53.1464, -59.8096



123.5260, 2.2057, -7.4773



129.7820, 30.1805, -113.8188



43.1030, 10.3022, -37.8013



# Inverse Universe

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



149.8900, 47.8752, 91.3045



129.6440, 57.8565, 109.9372



185.8020, -53.1464, 59.8096



120.2550, 3.3253, 6.7924



78.0850, 52.2161, 99.0265

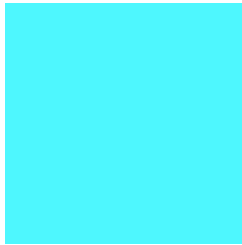


26.0900, 17.2106, 33.2471



# Previews

## White Background



This preview shows how the YUV color 197.2670, 27.9694, -104.5972 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

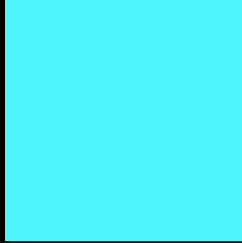
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 197.2670, 27.9694, -104.5972 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 197.2670, 27.9694, -104.5972 Background



This preview shows how black text looks on a background with the YUV color 197.2670, 27.9694, -104.5972.



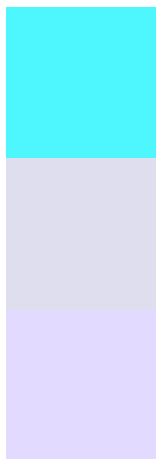
This preview shows how white text looks on a background with the YUV color 197.2670, 27.9694, -104.5972.



# 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

197.2670, 27.9694, -104.5972

### Protanopia

224.1230, 6.8414, -0.9849

### Deuteranopia

225.1970, 14.6929, 0.7042



## Tritanopia

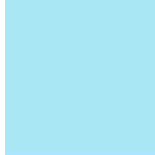
211.2120, 21.5875, -64.2069

# Trichromacy



## Original Color

197.2670, 27.9694, -104.5972



## Protanomaly

214.2430, 14.6702, -38.8011



## Deuteranomaly

214.9210, 19.7589, -37.6417



## Tritanomaly

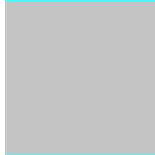
206.3950, 23.9623, -79.2764

# Monochromacy



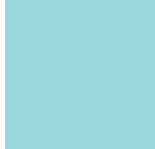
## Original Color

197.2670, 27.9694, -104.5972



## Achromatopsia

197.0000, 0.0000, 0.0000



## Achromatomaly

197.1030, 10.3022, -37.8013

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 197.2670, 27.9694, -104.5972 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(78, 247, 254)` looks like.

```
.text, #text, p{  
    color:rgb(78, 247, 254)  
}
```

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(78, 247, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 247, 254) }
```

## Border

The CSS property to change the border of an element to YUV 197.2670, 27.9694, -104.5972 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(78, 247, 254) }
```



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

```
.border{ border-color:rgb(78, 247, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 247, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 247, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 247, 254);  
box-shadow:4px 4px 4px 4px rgb(78, 247,  
254) }
```

# Background

The CSS property to change the background color of an element to YUV 197.2670, 27.9694, -104.5972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 247, 254) }
```

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

```
.background{ background-color: rgb(78, 247,  
254) }
```

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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