

# Converting Colors

YUV(199.7050, 27.2604,  
-63.7623)

Have a look what the booklet for  
YUV(199.7050, 27.2604, -63.7623)  
contains.

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# Color

**YUV(199.7050, 27.2604,  
-63.7623)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FE2FF
RGB	127, 226, 255
RGB Percent	50%, 89%, 100%
CMY	0.5020, 0.1137, 0.0000
CMYK	0.50, 0.11, 0.00, 0.00
HSL	194°, 100%, 75%
HSV	194°, 50%, 100%
XYZ	53.9988, 66.1247, 104.5251
YIQ	199.7050, -68.3130, -11.9690

# Conversions

## Conversions Part 2

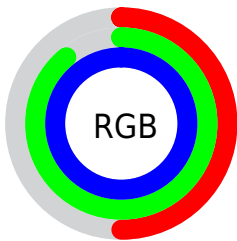
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 183, 255
Decimal	8381183
CIELab	85.06, -21.49, -23.05
CIELCh	85, 31.517, 227.010
Yxy	66.1247, 0.2404, 0.2943
Android (android.graphics.Color)	4286571263 (0xFF7FE2FF)
YUV	199.7050, 27.2604, -63.7623
Hunter-Lab	81.3171, -23.7718, -19.2894

# Details

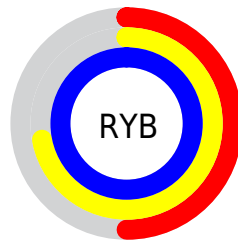
The YUV color **199.7050, 27.2604, -63.7623** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **182.2950, -27.2604, 63.7623**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.3690, 10.1711, -42.4196**, and **142.0850, 27.5661, -68.4805** is the 20% darker color. If you saturate the color by 10%, you get **188.7080, 32.6820, -76.0429**, and if you desaturate by 10%, it is **211.0010, 21.6915, -50.8669**.

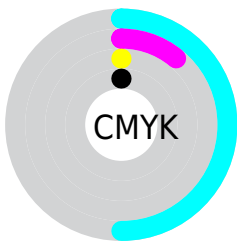
# Distribution



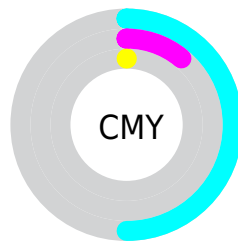
- Red (50%)
- Green (89%)
- Blue (100%)



- Red (50%)
- Yellow (72%)
- Blue (100%)



- Cyan (50%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (11%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 199.7050, 27.2604, -63.7623 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 199.7050, 27.2604, -63.7623 by changing the saturation by 10% instead.



199.7050, 27.2604,  
-63.7623

199.7050, 27.2604,  
-63.7623

255.0000, 0.0000,  
0.0000

170.9930, 27.1185,  
-64.8919

234.3690, 10.1711,  
-42.4196

142.0850, 27.5661,  
-68.4805

243.3390, 5.7489,  
-23.9763

109.7030, 30.2194,  
-79.5465

252.6080, 1.1793,  
-4.9182

85.6820, 28.7508,  
-75.1431

68.1570, 25.0656,  
-59.7737

51.2190, 21.0910,  
-44.9191

35.5690, 16.9745,

-31.1940

■ 21.7940, 12.4266,  
-19.1133

■ 3.6650, 11.5042,  
-3.2142

■ 199.7050, 27.2604,  
-63.7623

■ 199.7050, 27.2604,  
-63.7623

■ 188.7080, 32.6820,  
-76.0429

■ 211.0010, 21.6915,  
-50.8669

■ 177.4120, 38.2509,  
-88.9383

■ 221.9980, 16.2700,  
-38.5862

■ 167.0020, 43.3830,  
-101.7338

■ 232.7070, 10.9904,  
-25.1760

■ 155.7060, 48.9519,  
-114.6292

■ 243.7040, 5.5689,  
-12.8954

■ 144.7090, 54.3735, 255.0000, 0.0000,  
-126.9098 0.0000

# Harmonies

## Analogous

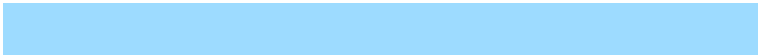
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



198.2030, 15.1829, -63.3220



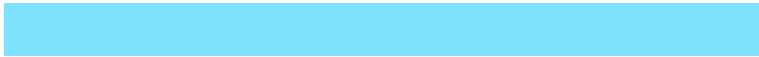
199.7050, 27.2604, -63.7623



204.5660, 24.8640, -41.7154

# Triad

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



199.7050, 27.2604, -63.7623



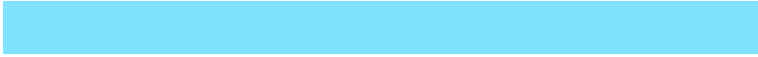
214.8270, 6.0013, 35.2317



209.3450, -26.7921, 6.7134

# Complementary

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



199.7050, 27.2604, -63.7623



182.2950, -27.2604, 63.7623

# 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.



212.1460, -28.1730, 29.6900



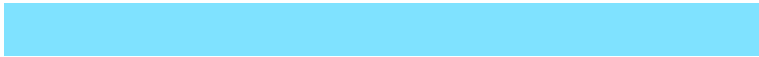
199.7050, 27.2604, -63.7623



210.7060, -7.2501, 38.8458

# Square

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



199.7050, 27.2604, -63.7623



216.8170, 17.8382, 18.5775



211.2640, -20.3432, 38.3565

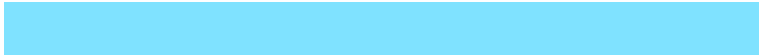


205.6990, -17.1066, -19.9070



# Rectangle

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



199.7050, 27.2604, -63.7623



209.4160, 22.4729, -21.4128



211.2640, -20.3432, 38.3565



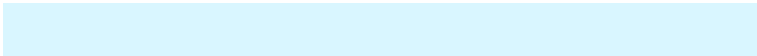
210.3460, -28.2716, 14.6056

# Sweetspot

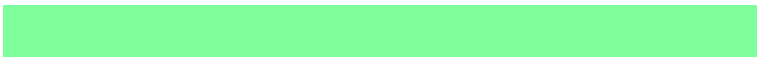
The Sweet Spot groups the original color and five complimentary colors.



199.7050, 27.2604, -63.7623



238.3550, 8.2060, -18.7283



205.3280, -24.8117, -68.6937



117.6010, 5.1267, -11.0511



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.



199.7050, 27.2604, -63.7623



188.7080, 32.6820, -76.0429



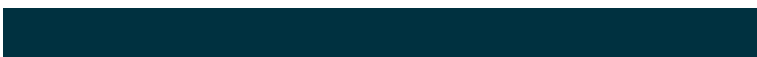
162.7240, 45.4921, -31.3299



122.3520, 2.7845, -6.4477



108.6500, 40.5986, -95.2860



36.0590, 13.7749, -31.6237



# Inverse Universe

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



176.5580, 24.3749, 68.7936



161.1990, 28.9889, 82.2635



219.2760, -45.4921, 31.3299



120.0270, 2.4517, 6.9923



73.9810, 36.4914, 102.6257

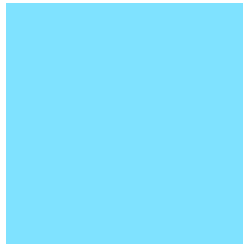


24.7220, 11.9691, 34.4468



# Previews

## White Background



This preview shows how the YUV color 199.7050, 27.2604, -63.7623 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

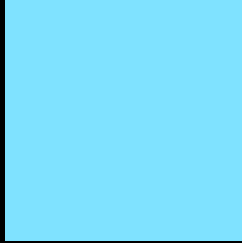
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 199.7050, 27.2604, -63.7623 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 199.7050, 27.2604, -63.7623

## Background



This preview shows how black text looks on a background with the YUV color 199.7050, 27.2604, -63.7623.



This preview shows how white text looks on a background with the YUV color 199.7050, 27.2604, -63.7623.

-63.7623.

# 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

199.7050, 27.2604, -63.7623

### Protanopia

212.3810, 15.5882, -6.4731

### Deuteranopia

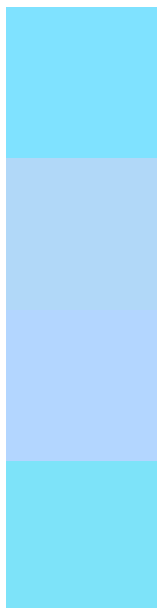
212.7710, 20.8189, -4.1842



## Tritanopia

198.9560, 23.1927, -65.7364

# Trichromacy



## Original Color

199.7050, 27.2604, -63.7623

## Protanomaly

207.9870, 19.7264, -27.1756

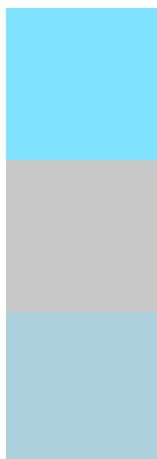
## Deuteranomaly

208.2090, 23.0680, -25.6163

## Tritanomaly

199.0100, 24.6451, -64.9068

# Monochromacy



## Original Color

199.7050, 27.2604, -63.7623

## Achromatopsia

200.0000, 0.0000, 0.0000

## Achromatomaly

199.4900, 10.1114, -23.2317

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 199.7050, 27.2604, -63.7623 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(127, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(127, 226, 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(127, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 226, 255) }
```

## Border

The CSS property to change the border of an element to YUV 199.7050, 27.2604, -63.7623 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(127, 226, 255) }
```



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

```
.border{ border-color:rgb(127, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(127, 226,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 199.7050, 27.2604, -63.7623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 226, 255) }
```

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

```
.background{ background-color: rgb(127,  
226, 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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