

# Converting Colors

YUV(198.8280, 23.7488,  
-104.2122)

Have a look what the booklet for  
YUV(198.8280, 23.7488, -104.2122)  
contains.

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# Color

**YUV(198.8280, 23.7488,  
-104.2122)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50FAF7
RGB	80, 250, 247
RGB Percent	31%, 98%, 97%
CMY	0.6863, 0.0196, 0.0314
CMYK	0.68, 0.00, 0.01, 0.02
HSL	179°, 94%, 65%
HSV	179°, 68%, 98%
XYZ	54.2824, 76.7921, 99.9571
YIQ	198.8280, -100.3570, -36.9730

# Conversions

## Conversions Part 2

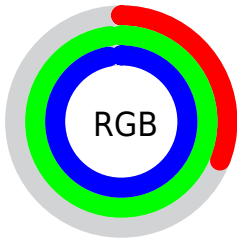
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 166, 250
Decimal	5307127
CIELab	90.23, -43.03, -11.23
CIELCh	90, 44.475, 194.626
Yxy	76.7921, 0.2350, 0.3324
Android (android.graphics.Color)	4283497207 (0xFF50FAF7)
YUV	198.8280, 23.7488, -104.2122
Hunter-Lab	87.6311, -42.7840, -6.2878

# Details

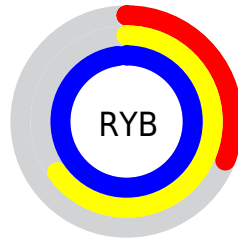
The YUV color **198.8280, 23.7488, -104.2122** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **131.1720, -23.7488, 104.2122**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6050, 15.4777, -64.5516**, and **135.0650, 27.5760, -118.4520** is the 20% darker color. If you saturate the color by 10%, you get **191.3530, 27.4340, -119.5816**, and if you desaturate by 10%, it is **206.3030, 20.0636, -88.8427**.

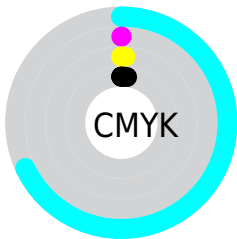
# Distribution



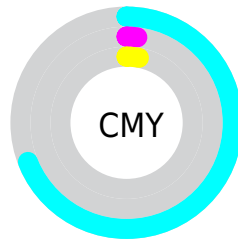
- Red (31%)
- Green (98%)
- Blue (97%)



- Red (31%)
- Yellow (65%)
- Blue (98%)



- Cyan (68%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



- Cyan (69%)
- Magenta (2%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 198.8280, 23.7488, -104.2122 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 198.8280, 23.7488, -104.2122 by changing the saturation by 10% instead.



198.8280, 23.7488,  
-104.2122

198.8280, 23.7488,  
-104.2122

255.0000, 0.0000,  
0.0000

162.7660, 27.7234,  
-119.0668

223.6050, 15.4777,  
-64.5516

135.0650, 27.5760,  
-118.4520

233.1730, 10.7607,  
-44.8787

115.5510, 23.8854,  
-101.3382

242.7410, 6.0437,  
-25.2059

96.6240, 19.9054,  
-84.7392

252.3090, 1.3267,  
-5.5330

78.5120, 16.5096,  
-68.8550

61.1010, 13.2612,  
-53.5856

43.6900, 10.0128,

-38.3161

■ 28.8550, 6.4805,  
-25.3058

■ 4.3830, 9.1782,  
-3.8439

■ 198.8280, 23.7488,  
-104.2122

■ 198.8280, 23.7488,  
-104.2122

■ 191.3530, 27.4340,  
-119.5816

■ 206.3030, 20.0636,  
-88.8427

■ 183.7640, 30.6823,  
-134.8510

■ 213.8920, 16.8152,  
-73.5733

■ 176.2890, 34.3675,  
-150.2205

■ 221.3670, 13.1301,  
-58.2039

■ 174.7940, 35.1046,  
-153.2943

■ 228.9560, 9.8817,  
-42.9344

■ 236.4310, 6.1965,  
-27.5650

■ 244.0200, 2.9481,  
-12.2955

■ 251.4950, -0.7370,  
3.0739

■ 251.6090, -0.3002,  
2.9739

# Harmonies

## Analogous

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



208.7840, -2.8515, -65.5856



198.8280, 23.7488, -104.2122



194.1030, 30.0222, -109.7153

# Triad

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



198.8280, 23.7488, -104.2122



227.9980, 13.3120, 23.6808



220.1540, -37.0509, 30.5599

# Complementary

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



198.8280, 23.7488, -104.2122



131.1720, -23.7488, 104.2122

# 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.



214.6720, -22.5163, 35.3677



198.8280, 23.7488, -104.2122



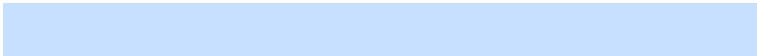
220.4980, 15.0375, 30.2583

# Square

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



198.8280, 23.7488, -104.2122



220.3580, 17.0785, -17.8540



214.4220, -3.1660, 35.5869



222.2780, -38.5911, 11.1572



# Rectangle

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



198.8280, 23.7488, -104.2122



202.5300, 25.8677, -83.7798



214.4220, -3.1660, 35.5869



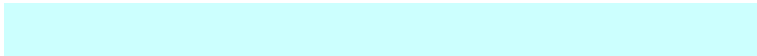
217.9030, -32.9832, 32.5341

# Sweetspot

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



198.8280, 23.7488, -104.2122



239.6370, 7.0810, -31.2536



181.5840, -50.0809, -83.8272



118.6170, 4.1328, -18.9581



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.



198.8280, 23.7488, -104.2122



192.0530, 29.0609, -128.0885



152.7970, 47.9211, -63.8430



121.1130, 1.9163, -7.9921



132.0330, 26.1127, -115.7929



42.6470, 8.5550, -37.4014



# Inverse Universe

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



131.1720, -23.7488, 104.2122



108.9470, -29.0609, 128.0885



177.2030, -47.9211, 63.8430



116.0010, -1.4795, 7.8921



56.8530, -26.5495, 115.8929

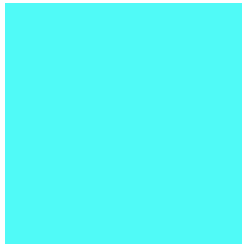


18.3530, -8.5550, 37.4014



# Previews

## White Background



This preview shows how the YUV color 198.8280, 23.7488, -104.2122 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

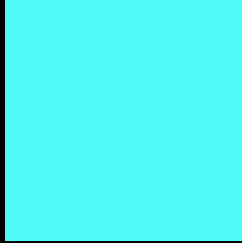
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 198.8280, 23.7488, -104.2122 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

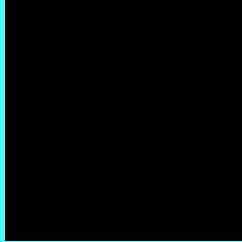
Any Text WCAG AA ✓ Pass

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 198.8280, 23.7488, -104.2122 Background



This preview shows how black text looks on a background with the YUV color 198.8280, 23.7488, -104.2122.



This preview shows how white text looks on a background with the YUV color 198.8280, 23.7488, -104.2122.



# Color Blindness Simulation

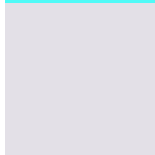
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



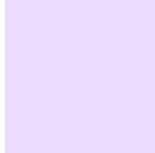
### Original Color

198.8280, 23.7488, -104.2122



### Protanopia

225.6950, 2.6154, 1.1445



### Deuteranopia

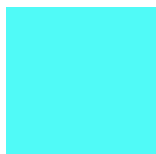
227.4750, 13.0768, 5.7224



## Tritanopia

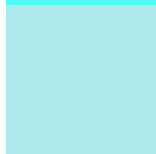
214.5010, 19.9660, -57.4444

# Trichromacy



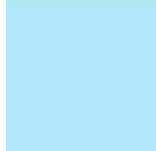
## Original Color

198.8280, 23.7488, -104.2122



## Protanomaly

215.8150, 10.4442, -36.6718



## Deuteranomaly

216.8460, 16.8379, -34.0679



## Tritanomaly

209.0320, 21.1832, -74.5731

# Monochromacy



## Original Color

198.8280, 23.7488, -104.2122



## Achromatopsia

199.0000, 0.0000, 0.0000



## Achromatomaly

199.2340, 8.2656, -37.9162

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 198.8280, 23.7488, -104.2122 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(80, 250, 247)` looks like.

```
.text, #text, p{  
    color:rgb(80, 250, 247)  
}
```

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(80, 250, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 250, 247) }
```

## Border

The CSS property to change the border of an element to YUV 198.8280, 23.7488, -104.2122 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(80, 250, 247) }
```



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

```
.border{ border-color:rgb(80, 250, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 250, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 250, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 250, 247);  
box-shadow:4px 4px 4px 4px rgb(80, 250,  
247) }
```

# Background

The CSS property to change the background color of an element to YUV 198.8280, 23.7488, -104.2122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 250, 247) }
```

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

```
.background{ background-color: rgb(80, 250,  
247) }
```

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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