

# Converting Colors

YUV(201.4880, 26.3814,  
-61.8180)

Have a look what the booklet for  
YUV(201.4880, 26.3814, -61.8180)  
contains.

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# Color

**YUV(201.4880, 26.3814,  
-61.8180)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83E3FF
RGB	131, 227, 255
RGB Percent	51%, 89%, 100%
CMY	0.4863, 0.1098, 0.0000
CMYK	0.49, 0.11, 0.00, 0.00
HSL	194°, 100%, 76%
HSV	194°, 49%, 100%
XYZ	54.8792, 66.9835, 104.6444
YIQ	201.4880, -66.2040, -11.6440

# Conversions

## Conversions Part 2

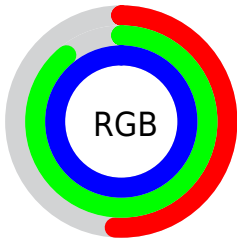
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 185, 255
Decimal	8643583
CIE <sub>Lab</sub>	85.50, -21.13, -22.38
CIE <sub>LCh</sub>	85, 30.777, 226.643
Yxy	66.9835, 0.2423, 0.2957
Android (android.graphics.Color)	4286833663 (0xFF83E3FF)
YUV	201.4880, 26.3814, -61.8180
Hunter-Lab	81.8434, -23.5349, -18.5174

# Details

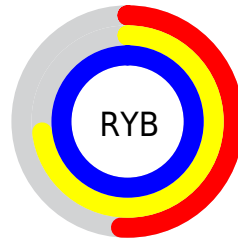
The YUV color **201.4880, 26.3814, -61.8180** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **184.5120, -26.3814, 61.8180**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.5650, 9.5815, -39.9605**, and **143.5800, 26.8291, -65.4067** is the 20% darker color. If you saturate the color by 10%, you get **190.4910, 31.8029, -74.0986**, and if you desaturate by 10%, it is **212.4850, 20.9599, -49.5373**.

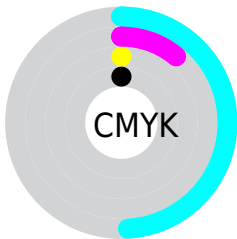
# Distribution



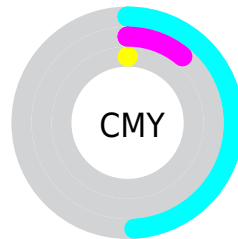
- Red (51%)
- Green (89%)
- Blue (100%)



- Red (51%)
- Yellow (73%)
- Blue (100%)



- Cyan (49%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (11%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 201.4880, 26.3814, -61.8180 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 201.4880, 26.3814, -61.8180 by changing the saturation by 10% instead.



201.4880, 26.3814,  
-61.8180

201.4880, 26.3814,  
-61.8180

255.0000, 0.0000,  
0.0000

172.7760, 26.2394,  
-62.9476

235.5650, 9.5815,  
-39.9605

143.5800, 26.8291,  
-65.4067

244.5350, 5.1592,  
-21.5172

113.5790, 28.3086,  
-73.2988

253.5050, 0.7370,  
-3.0739

86.2690, 28.4614,  
-75.6579

68.7440, 24.7762,  
-60.2885

51.8060, 20.8016,  
-45.4339

36.1560, 16.6851,

-31.7088

■ 22.4950, 12.5740,  
-19.7281

■ 3.6650, 11.5042,  
-3.2142

■ 201.4880, 26.3814,  
-61.8180

■ 201.4880, 26.3814,  
-61.8180

■ 190.4910, 31.8029,  
-74.0986

■ 212.4850, 20.9599,  
-49.5373

■ 179.1950, 37.3719,  
-86.9940

■ 223.7810, 15.3910,  
-36.6419

■ 168.7850, 42.5040,  
-99.7894

■ 234.4900, 10.1114,  
-23.2317

■ 157.4890, 48.0729,  
-112.6849

■ 245.4870, 4.6899,  
-10.9511

■ 146.4920, 53.4944, 255.0000, 0.0000,  
-124.9655 0.0000

■ 144.7090, 54.3735,  
-126.9098

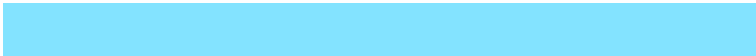
# Harmonies

## Analogous

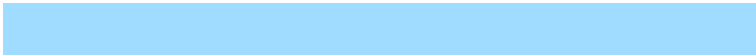
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



199.9860, 14.3039, -61.3777



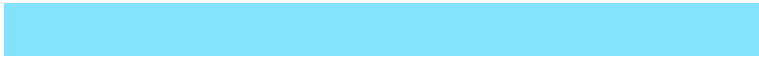
201.4880, 26.3814, -61.8180



206.0500, 24.1324, -40.3858

# Triad

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



201.4880, 26.3814, -61.8180



216.1150, 5.8593, 34.1021



210.5730, -25.9185, 6.5135

# Complementary

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



201.4880, 26.3814, -61.8180



184.5120, -26.3814, 61.8180

# 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.



213.3740, -27.2994, 29.4900



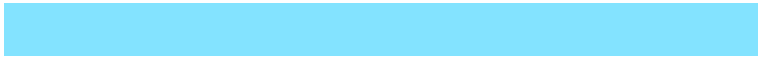
201.4880, 26.3814, -61.8180



212.1080, -6.9552, 37.6163

# Square

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



201.4880, 26.3814, -61.8180



218.1050, 17.6962, 17.4479



212.1930, -19.3221, 37.5417



207.1120, -16.8172, -19.3922



# Rectangle

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



201.4880, 26.3814, -61.8180



210.6010, 21.8887, -20.6981



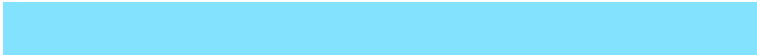
212.1930, -19.3221, 37.5417



211.5740, -27.3980, 14.4056

# Sweetspot

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



201.4880, 26.3814, -61.8180



238.3550, 8.2060, -18.7283



206.8660, -24.0909, -66.5345



117.6010, 5.1267, -11.0511



0.0000, 0.0000, 0.0000

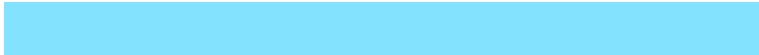


128.0000, 0.0000, 0.0000



# Same Dimension

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



201.4880, 26.3814, -61.8180



191.3770, 31.3661, -73.9986



165.6810, 44.0343, -30.4152



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.



179.0200, 23.6541, 66.6345



164.3620, 28.4155, 79.4895



220.3190, -44.0343, 30.4152



120.0270, 2.4517, 6.9923



73.9810, 36.4914, 102.6257

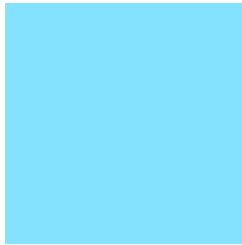


24.7220, 11.9691, 34.4468



# Previews

## White Background



This preview shows how the YUV color 201.4880, 26.3814, -61.8180 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

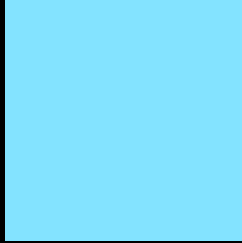
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 201.4880, 26.3814, -61.8180 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 201.4880, 26.3814, -61.8180

## Background



This preview shows how black text looks on a background with the YUV color 201.4880, 26.3814, -61.8180.



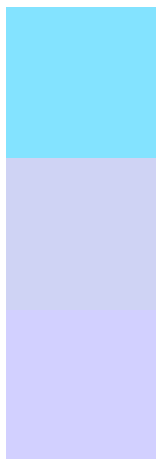
This preview shows how white text looks on a background with the YUV color 201.4880, 26.3814, -61.8180.

-61.8180.

# 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

201.4880, 26.3814, -61.8180

### Protanopia

213.5660, 15.0040, -5.7584

### Deuteranopia

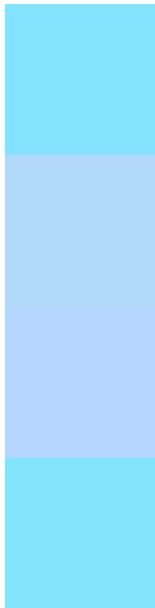
213.9560, 20.2347, -3.4694



## Tritanopia

200.2660, 23.0399, -63.3773

# Trichromacy



## Original Color

201.4880, 26.3814, -61.8180

## Protanomaly

209.1720, 19.1422, -26.4608

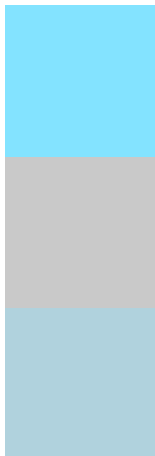
## Deuteranomaly

209.3940, 22.4838, -24.9015

## Tritanomaly

200.9070, 24.2028, -63.0624

# Monochromacy



## Original Color

201.4880, 26.3814, -61.8180

## Achromatopsia

201.0000, 0.0000, 0.0000

## Achromatomaly

201.0880, 9.8166, -22.0022

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 201.4880, 26.3814, -61.8180 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(131, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(131, 227, 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(131, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 227, 255) }
```

## Border

The CSS property to change the border of an element to YUV 201.4880, 26.3814, -61.8180 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(131, 227, 255) }
```



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

```
.border{ border-color:rgb(131, 227, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(131, 227,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 201.4880, 26.3814, -61.8180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 227, 255) }
```

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

```
.background{ background-color: rgb(131,  
227, 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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