

# Converting Colors

YUV(202.9960, -7.8860,  
-84.1885)

Have a look what the booklet for  
YUV(202.9960, -7.8860, -84.1885)  
contains.

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# Color

**YUV(202.9960, -7.8860,  
-84.1885)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BFFBB
RGB	107, 255, 187
RGB Percent	42%, 100%, 73%
CMY	0.5804, 0.0000, 0.2667
CMYK	0.58, 0.00, 0.27, 0.00
HSL	152°, 100%, 71%
HSV	152°, 58%, 100%
XYZ	50.7930, 78.2337, 59.4372
YIQ	202.9960, -66.3800, -52.5240

# Conversions

## Conversions Part 2

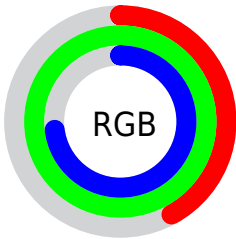
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">107, 203, 255</a>
Decimal	<a href="#">7077819</a>
CIELab	<a href="#">90.89, -54.97, 20.83</a>
CIElCh	<a href="#">91, 58.783, 159.243</a>
Yxy	<a href="#">78.2337, 0.2695, 0.4151</a>
Android (android.graphics.Color)	<a href="#">4285267899 (0xFF6BFFBB)</a>
YUV	<a href="#">202.9960, -7.8860, -84.1885</a>
Hunter-Lab	<a href="#">88.4498, -52.2820, 22.0727</a>

# Details

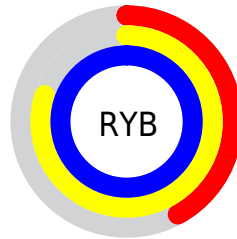
The YUV color **202.9960, -7.8860, -84.1885** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **159.0040, 7.8860, 84.1885**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.9180, 7.4354, -51.6711**, and **139.5860, -2.7539, -96.9839** is the 20% darker color. If you saturate the color by 10%, you get **194.1530, -9.4424, -98.3582**, and if you desaturate by 10%, it is **212.1380, -6.4770, -69.4040**.

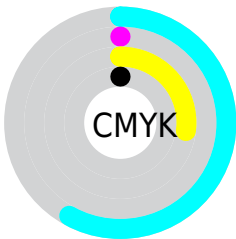
# Distribution



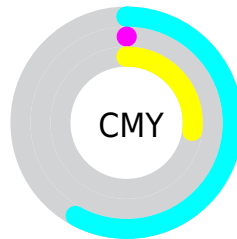
- Red (42%)
- Green (100%)
- Blue (73%)



- Red (42%)
- Yellow (80%)
- Blue (100%)



- Cyan (58%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (58%)
- Magenta (0%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 202.9960, -7.8860, -84.1885 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 202.9960, -7.8860, -84.1885 by changing the saturation by 10% instead.





 202.9960, -7.8860,  
-84.1885

 202.9960, -7.8860,  
-84.1885

255.0000, 0.0000,  
0.0000

 172.7290, -6.2754,  
-87.4623


 227.9180, 7.4354,  
-51.6711


 139.5860, -2.7539,  
-96.9839


 238.2560, 8.2548,  
-34.4275

 111.5150, -1.7329,  
-97.7987

 247.5250, 3.6852,  
-15.3694

 92.9300, -4.4025,  
-81.4996

 74.9320, -7.3615,  
-65.7154

 57.1620, -9.4469,  
-50.1311

 39.9790, -11.8216,

-35.0616

■ 24.6540, -12.1544,  
-21.6216

■ 3.5220, -1.7363,  
-3.0888

■ 202.9960, -7.8860,  
-84.1885

■ 202.9960, -7.8860,  
-84.1885

■ 194.1530, -9.4424,  
-98.3582

■ 212.1380, -6.4770,  
-69.4040

■ 185.1250,  
-10.4146, -113.2426

■ 220.8670, -5.3574,  
-55.1344

■ 176.2820,  
-11.9710, -127.4123

■ 230.0090, -3.9484,  
-40.3499

■ 167.1400,  
-13.3800, -142.1968

■ 238.8520, -2.3920,  
-26.1802

■ 165.4170,  
-13.5166, -145.0707

■ 247.9940, -0.9830,  
-11.3957

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



215.8620, -37.8930, -26.1890



202.9960, -7.8860, -84.1885



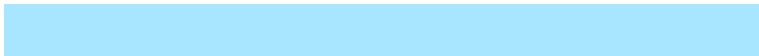
177.6150, 33.2208, -155.7684

# Triad

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



202.9960, -7.8860, -84.1885



213.7250, 20.3486, -40.1008



207.1890, -23.2642, 41.9302

# Complementary

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



202.9960, -7.8860, -84.1885



159.0040, 7.8860, 84.1885

# 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.



207.3610, 2.7800, 41.7794



202.9960, -7.8860, -84.1885



226.8240, 13.8908, 24.7104

# Square

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



202.9960, -7.8860, -84.1885



173.4720, 40.1933, -152.1349



216.2580, 19.0998, 33.9767



214.7110, -45.2135, 35.3335



# Rectangle

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



202.9960, -7.8860, -84.1885



178.7550, 37.5888, -156.7681



216.2580, 19.0998, 33.9767



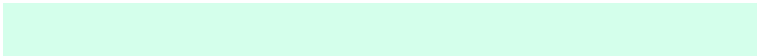
206.7790, -14.6810, 42.2898

# Sweetspot

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



202.9960, -7.8860, -84.1885



239.8630, -2.3975, -24.4359



214.5070, -53.0010, -33.7706



118.8580, -1.4090, -14.7845



0.0000, 0.0000, 0.0000

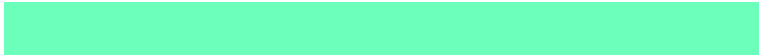


128.0000, 0.0000, 0.0000



# Same Dimension

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



202.9960, -7.8860, -84.1885



192.4300, -9.5790, -101.2321



207.8130, 23.2632, -88.4130



123.4290, -0.7045, -7.3922



123.8590, -10.2835, -108.6243



41.4440, -3.6699, -36.3464



# Inverse Universe

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



159.0040, 7.8860, 84.1885



139.5700, 9.5790, 101.2321



154.1870, -23.2632, 88.4130



119.5710, 0.7045, 7.3922



67.1410, 10.2835, 108.6243

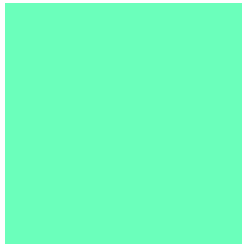


22.4420, 3.2331, 36.4464



# Previews

## White Background



This preview shows how the YUV color 202.9960, -7.8860, -84.1885 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

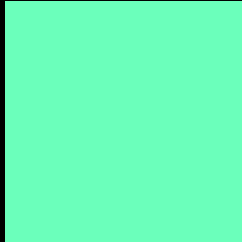
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 202.9960, -7.8860, -84.1885 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 202.9960, -7.8860, -84.1885

## Background



This preview shows how black text looks on a background with the YUV color 202.9960, -7.8860, -84.1885.



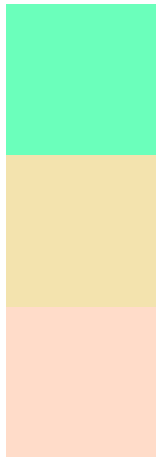
This preview shows how white text looks on a background with the YUV color 202.9960, -7.8860, -84.1885.

-84.1885.

# 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

202.9960, -7.8860, -84.1885

### Protanopia

225.7420, -25.5088, 15.1353

### Deuteranopia

228.2990, -13.4584, 23.4168



## Tritanopia

219.2850, 17.6075, -47.6079

# Trichromacy



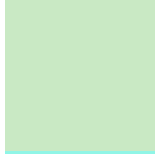
## Original Color

202.9960, -7.8860, -84.1885



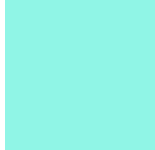
## Protanomaly

217.5310, -18.9958, -20.6367



## Deuteranomaly

219.2140, -11.4445, -15.9737



## Tritanomaly

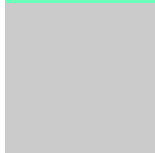
213.0910, 8.3361, -60.5928

# Monochromacy



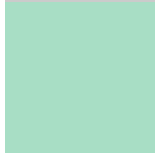
## Original Color

202.9960, -7.8860, -84.1885



## Achromatopsia

203.0000, 0.0000, 0.0000



## Achromatomaly

203.0040, -2.9600, -30.6985

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 202.9960, -7.8860, -84.1885 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(107, 255, 187)` looks like.

```
.text, #text, p{  
    color:rgb(107, 255, 187)  
}
```

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(107, 255, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 255, 187) }
```

## Border

The CSS property to change the border of an element to YUV 202.9960, -7.8860, -84.1885 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(107, 255, 187) }
```



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

```
.border{ border-color:rgb(107, 255, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 255, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 255, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 255, 187); box-shadow:4px 4px 4px 4px rgb(107, 255, 187) }
```

# Background

The CSS property to change the background color of an element to YUV 202.9960, -7.8860, -84.1885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 255, 187) }
```

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

```
.background{ background-color: rgb(107,  
255, 187) }
```

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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