

# Converting Colors

YUV(201.3910, 16.5692,  
-88.0429)

Have a look what the booklet for  
YUV(201.3910, 16.5692, -88.0429)  
contains.

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# Color

**YUV(201.3910, 16.5692,  
-88.0429)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65F6EB
RGB	101, 246, 235
RGB Percent	40%, 96%, 92%
CMY	0.6039, 0.0353, 0.0784
CMYK	0.59, 0.00, 0.04, 0.04
HSL	175°, 89%, 68%
HSV	175°, 59%, 96%
XYZ	53.3180, 74.6764, 90.2011
YIQ	201.3910, -82.8890, -34.1610

# Conversions

## Conversions Part 2

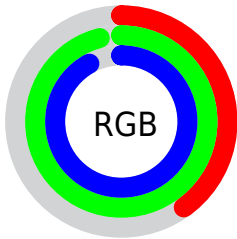
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 176, 246</a>
Decimal	<a href="#">6682347</a>
CIELab	<a href="#">89.24, -41.26, -6.39</a>
CIElCh	<a href="#">89, 41.752, 188.799</a>
Yxy	<a href="#">74.6764, 0.2444, 0.3422</a>
Android (android.graphics.Color)	<a href="#">4284872427 (0xFF65F6EB)</a>
YUV	<a href="#">201.3910, 16.5692, -88.0429</a>
Hunter-Lab	<a href="#">86.4155, -41.0934, -1.3965</a>

# Details

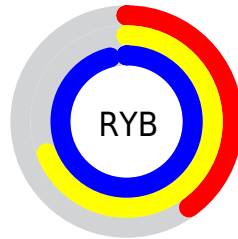
The YUV color **201.3910, 16.5692, -88.0429** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **145.6090, -16.5692, 88.0429**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.7910, 13.4140, -55.9447**, and **131.6480, 23.3445, -114.5783** is the 20% darker color. If you saturate the color by 10%, you get **193.6880, 19.3808, -103.2124**, and if you desaturate by 10%, it is **209.0940, 13.7577, -72.8734**.

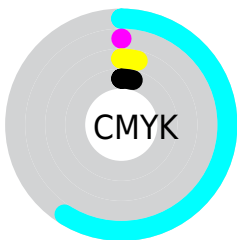
# Distribution



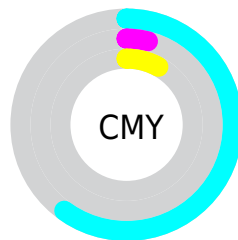
- Red (40%)
- Green (96%)
- Blue (92%)



- Red (40%)
- Yellow (69%)
- Blue (96%)



- Cyan (59%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)




- Cyan (60%)
- Magenta (4%)
- Yellow (8%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 201.3910, 16.5692, -88.0429 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 201.3910, 16.5692, -88.0429 by changing the saturation by 10% instead.





 201.3910, 16.5692,  
-88.0429

 201.3910, 16.5692,  
-88.0429


255.0000, 0.0000,  
0.0000

 170.4120, 18.0379,  
-92.4463


 227.7910, 13.4140,  
-55.9447


 131.6480, 23.3445,  
-114.5783

 237.0600, 8.8444,  
-36.8866

 112.5360, 19.9488,  
-98.6941

 246.3290, 4.2748,  
-17.8285

 93.7230, 16.4056,  
-82.1951

 75.6110, 13.0098,  
-66.3108

 58.2000, 9.7614,  
-51.0414

 40.9030, 6.9498,

-35.8719

■ 26.7690, 3.5649,  
-23.4764

■ 1.3680, 5.2416,  
-1.1997

■ 201.3910, 16.5692,  
-88.0429

■ 201.3910, 16.5692,  
-88.0429

■ 193.6880, 19.3808,  
-103.2124

■ 209.0940, 13.7577,  
-72.8734

■ 186.2840, 22.0450,  
-117.7671

■ 216.4980, 11.0935,  
-58.3187

■ 178.5810, 24.8566,  
-132.9365

■ 224.2010, 8.2819,  
-43.1493

■ 171.2910, 27.9575,  
-147.5912

■ 231.4910, 5.1809,  
-28.4946

■ 170.2800, 27.9630,  
-149.3356

■ 239.1940, 2.3694,  
-13.3251

■ 246.8970, -0.4422,  
1.8443

■ 248.9190, -0.4531,  
5.3330

■ 249.1470, 0.4205,  
5.1331

■ 249.3750, 1.2941,  
4.9331

# Harmonies

## Analogous

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



209.5960, -7.6888, -54.0197



201.3910, 16.5692, -88.0429



196.8160, 28.6847, -100.6936

# Triad

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



201.3910, 16.5692, -88.0429



225.2960, 14.6441, 16.4034



217.9030, -32.9832, 32.5341

# Complementary

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



201.3910, 16.5692, -88.0429



145.6090, -16.5692, 88.0429

# 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.



213.7090, -18.5905, 36.2122



201.3910, 16.5692, -88.0429



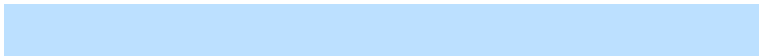
221.4270, 16.0585, 29.4435

# Square

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



201.3910, 16.5692, -88.0429



216.7700, 18.8474, -25.2313



214.5190, -0.2559, 35.5018



220.9520, -37.4443, 16.7051

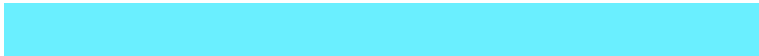


# Rectangle

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



201.3910, 16.5692, -88.0429



201.0570, 26.5939, -83.3650



214.5190, -0.2559, 35.5018



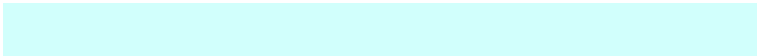
216.2390, -29.2048, 33.9934

# Sweetspot

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



201.3910, 16.5692, -88.0429



240.9040, 5.4703, -27.9798



189.7030, -43.7306, -67.2685



118.9870, 2.9644, -17.5286



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.



201.3910, 16.5692, -88.0429



199.2850, 20.5655, -109.8749



167.4250, 38.7375, -58.2547



118.2980, 1.3321, -7.2773



128.7900, 21.3025, -112.9488



40.7890, 6.5130, -35.7720



# Inverse Universe

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



145.6090, -16.5692, 88.0429



129.7150, -20.5655, 109.8749



179.5750, -38.7375, 58.2547



113.7020, -1.3321, 7.2773



57.2100, -21.3025, 112.9488

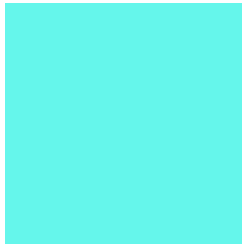


18.0970, -6.9498, 35.8719



# Previews

## White Background



This preview shows how the YUV color 201.3910, 16.5692, -88.0429 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

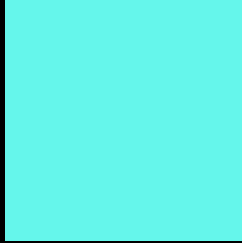
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 201.3910, 16.5692, -88.0429 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

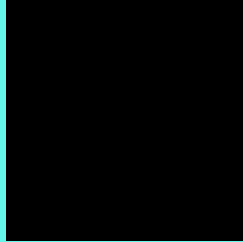
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 201.3910, 16.5692, -88.0429

## Background



This preview shows how black text looks on a background with the YUV color 201.3910, 16.5692, -88.0429.



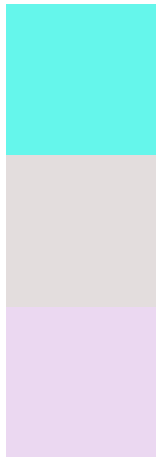
This preview shows how white text looks on a background with the YUV color 201.3910, 16.5692, -88.0429.

-88.0429.

# 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

201.3910, 16.5692, -88.0429

### Protanopia

222.7940, -0.8844, 3.6887

### Deuteranopia

224.5310, 8.1192, 9.1813



## Tritanopia

211.2230, 21.5821, -62.4626

# Trichromacy



## Original Color

201.3910, 16.5692, -88.0429



## Protanomaly

214.8930, 5.4758, -29.7242



## Deuteranomaly

216.1090, 11.2853, -26.4056



## Tritanomaly

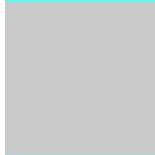
208.0000, 19.7200, -71.9140

# Monochromacy



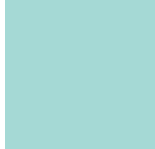
## Original Color

201.3910, 16.5692, -88.0429



## Achromatopsia

201.0000, 0.0000, 0.0000



## Achromatomaly

200.9960, 5.9180, -31.5685

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 201.3910, 16.5692, -88.0429 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(101, 246, 235)` looks like.

```
.text, #text, p{  
    color:rgb(101, 246, 235)  
}
```

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(101, 246, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 246, 235) }
```

## Border

The CSS property to change the border of an element to YUV 201.3910, 16.5692, -88.0429 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(101, 246, 235) }
```



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

```
.border{ border-color:rgb(101, 246, 235) }
```

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

Here you see how a box with a 4 pixel rgb(101, 246, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 246, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 246, 235);  
box-shadow:4px 4px 4px 4px rgb(101, 246,  
235) }
```

# Background

The CSS property to change the background color of an element to YUV 201.3910, 16.5692, -88.0429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 246, 235) }
```

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

```
.background{ background-color: rgb(101,  
246, 235) }
```

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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