

# Converting Colors

YUV(131.2870, 51.1305,  
-113.3847)

Have a look what the booklet for  
YUV(131.2870, 51.1305, -113.3847)  
contains.

<b>YUV(131.2870, 51.1305, -113.3847)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(131.2870, 51.1305,  
-113.3847)**

# Conversions

## Conversions Part 1

Format	Color
Hex	02B1EB
RGB	2, 177, 235
RGB Percent	1%, 69%, 92%
CMY	0.9922, 0.3059, 0.0784
CMYK	0.99, 0.25, 0.00, 0.08
HSL	195°, 98%, 46%
HSV	195°, 99%, 92%
XYZ	30.7426, 37.4553, 84.2066
YIQ	131.2870, -122.9180, -19.0620

# Conversions

## Conversions Part 2

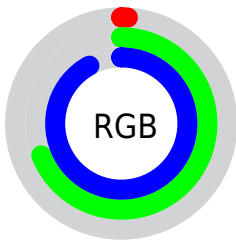
<b>Format</b>	<b>Color</b>
RYP	2, 102, 235
Decimal	176619
CIELab	67.62, -17.20, -39.41
CIElCh	68, 43.002, 246.422
Yxy	37.4553, 0.2017, 0.2458
Android (android.graphics.Color)	4278366699 (0xFF02B1EB)
YUV	131.2870, 51.1305, -113.3847
Hunter-Lab	61.2008, -17.4366, -38.7370

# Details

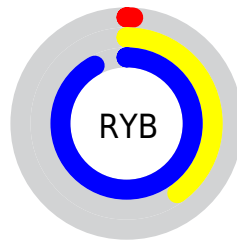
The YUV color **131.2870, 51.1305, -113.3847** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **105.7130, -51.1305, 113.3847**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.4320, 27.8880, -78.4319**, and **93.1940, 42.3024, -81.7311** is the 20% darker color. If you saturate the color by 10%, you get **130.6890, 51.4253, -114.6143**, and if you desaturate by 10%, it is **141.6860, 46.0038, -102.3336**.

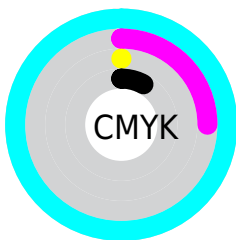
# Distribution



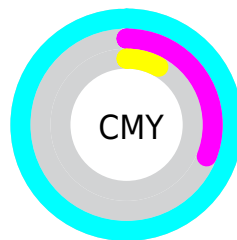
- Red (1%)
- Green (69%)
- Blue (92%)



- Red (1%)
- Yellow (40%)
- Blue (92%)



- Cyan (99%)
- Magenta (25%)
- Yellow (0%)
- Black (8%)



- Cyan (99%)
- Magenta (31%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 131.2870, 51.1305, -113.3847 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 131.2870, 51.1305, -113.3847 by changing the saturation by 10% instead.



■ 131.2870, 51.1305,  
-113.3847

■ 131.2870, 51.1305,  
-113.3847

■ 255.0000, 0.0000,  
0.0000

■ 111.6480, 47.0085,  
-97.9153

■ 198.4320, 27.8880,  
-78.4319

■ 93.1940, 42.3024,  
-81.7311

■ 221.2130, 16.6570,  
-69.4698

■ 75.4410, 37.7436,  
-66.1618

■ 230.7810, 11.9400,  
-49.7969

■ 58.9760, 33.0428,  
-51.7220

■ 240.3490, 7.2229,  
-30.1241

■ 42.5110, 28.3421,  
-37.2821

■ 249.6180, 2.6533,  
-11.0660

■ 28.0350, 23.6467,  
-24.5867

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,  
-4.1289

■ 0.2280, 0.8736,  
-0.2000

■ 131.2870, 51.1305,  
-113.3847

■ 131.2870, 51.1305,  
-113.3847

■ 130.6890, 51.4253,  
-114.6143

■ 141.6860, 46.0038,  
-102.3336

■ 152.3840, 40.7297,  
-90.6678

■ 163.0820, 35.4556,  
-79.0019

■ 172.8940, 30.6183,  
-67.4360

■ 183.5920, 25.3441,  
-55.7702

■ 193.9910, 20.2174,  
-44.7191

■ 204.3900, 15.0907,  
-33.6680

■ 215.0880, 9.8166,  
-22.0022

■ 225.7860, 4.5425,  
-10.3363

# Harmonies

## Analogous

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



131.3610, 38.7690, -115.2036



131.2870, 51.1305, -113.3847



160.1980, 39.8354, -37.0076

# Triad

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



131.2870, 51.1305, -113.3847



167.2450, -4.5578, 62.0521



156.5720, -27.8900, -14.5336

# Complementary

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



131.2870, 51.1305, -113.3847



105.7130, -51.1305, 113.3847

# 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.



160.7780, -36.8656, 17.7347



131.2870, 51.1305, -113.3847



165.6520, -22.0134, 60.8182

# Square

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



131.2870, 51.1305, -113.3847



169.1300, 13.2469, 44.6130



163.9260, -34.4735, 43.9149



148.4930, -8.1310, -52.1754



# Rectangle

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



131.2870, 51.1305, -113.3847



166.3870, 33.3332, -4.7244



163.9260, -34.4735, 43.9149



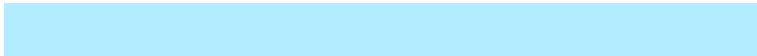
158.1990, -32.1431, -3.6825

# Sweetspot

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



131.2870, 51.1305, -113.3847



221.1230, 16.7014, -36.9419



144.9270, -43.8410, -125.3470



107.2020, 10.2534, -22.1022



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

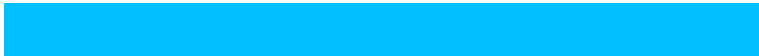


# Same Dimension

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



131.2870, 51.1305, -113.3847



141.7740, 55.8204, -124.3358



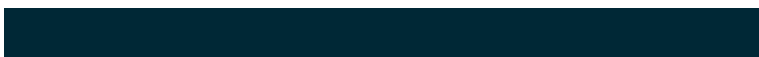
64.9560, 83.8317, -55.2124



111.9500, 2.4897, -5.2181



100.4660, 39.7033, -88.1087



29.6360, 12.0115, -25.9908



# Inverse Universe

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



91.6170, 42.0938, 125.7469



98.1330, 46.2764, 137.5724



172.0440, -83.8317, 55.2124



110.2010, 1.8729, 5.9627



69.6230, 32.7239, 97.6776



20.7060, 9.5119, 29.1988



# Previews

## White Background



This preview shows how the YUV color 131.2870, 51.1305, -113.3847 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 131.2870, 51.1305, -113.3847 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

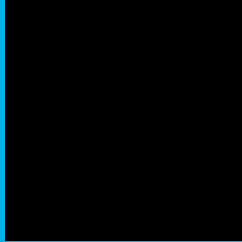
Any Text WCAG AA ✓ Pass

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 131.2870, 51.1305, -113.3847 Background



This preview shows how black text looks on a background with the YUV color 131.2870, 51.1305, -113.3847.



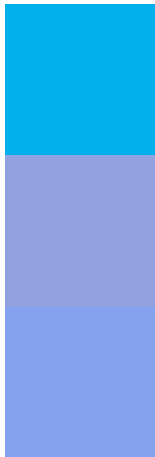
This preview shows how white text looks on a background with the YUV color 131.2870, 51.1305, -113.3847.



# 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

131.2870, 51.1305, -113.3847

### Protanopia

163.5830, 29.2926, -15.4203

### Deuteranopia

161.9930, 37.4715, -25.4269



## Tritanopia

129.1780, 32.9432, -113.2891

# Trichromacy



## Original Color

131.2870, 51.1305, -113.3847

## Protanomaly

152.0130, 36.9686, -50.8774

## Deuteranomaly

150.4620, 42.6632, -57.4102

## Tritanomaly

129.8990, 39.4898, -113.0444

# Monochromacy



## Original Color

131.2870, 51.1305, -113.3847

## Achromatopsia

131.0000, 0.0000, 0.0000

## Achromatomaly

131.2580, 18.6068, -41.4453

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 131.2870, 51.1305, -113.3847 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(2, 177, 235)` looks like.

```
.text, #text, p{  
    color:rgb(2, 177, 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(2, 177, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 177, 235) }
```

## Border

The CSS property to change the border of an element to YUV 131.2870, 51.1305, -113.3847 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(2, 177, 235) }
```



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

```
.border{ border-color:rgb(2, 177, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 177, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 177, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 177, 235);  
box-shadow:4px 4px 4px 4px rgb(2, 177,  
235) }
```

# Background

The CSS property to change the background color of an element to YUV 131.2870, 51.1305, -113.3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 177, 235) }
```

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

```
.background{ background-color: rgb(2, 177,  
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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