

# Converting Colors

YUV(178.9530, 1.0092,  
-43.8088)

Have a look what the booklet for  
YUV(178.9530, 1.0092, -43.8088)  
contains.

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# Color

**YUV(178.9530, 1.0092,  
-43.8088)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81CCB5
RGB	129, 204, 181
RGB Percent	51%, 80%, 71%
CMY	0.4941, 0.2000, 0.2902
CMYK	0.37, 0.00, 0.11, 0.20
HSL	162°, 42%, 65%
HSV	162°, 37%, 80%
XYZ	38.9866, 51.1891, 51.5417
YIQ	178.9530, -37.3170, -23.0530

# Conversions

## Conversions Part 2

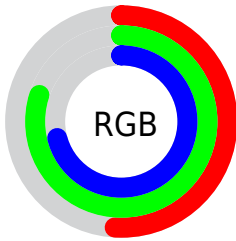
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 173, 204
Decimal	8506549
CIELab	76.79, -28.47, 4.12
CIElCh	77, 28.765, 171.768
Yxy	51.1891, 0.2751, 0.3612
Android (android.graphics.Color)	4286696629 (0xFF81CCB5)
YUV	178.9530, 1.0092, -43.8088
Hunter-Lab	71.5465, -27.9395, 7.3704

# Details

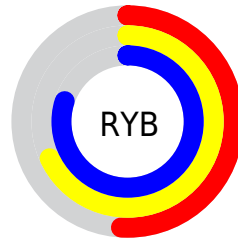
The YUV color **178.9530, 1.0092, -43.8088** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **154.0470, -1.0092, 43.8088**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.7190, 2.6035, -41.8496**, and **124.4800, 1.7354, -43.3940** is the 20% darker color. If you saturate the color by 10%, you get **172.2890, 1.3365, -55.5045**, and if you desaturate by 10%, it is **185.6170, 0.6818, -32.1131**.

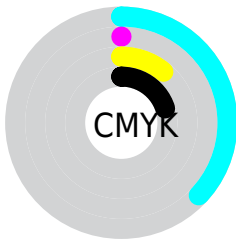
# Distribution



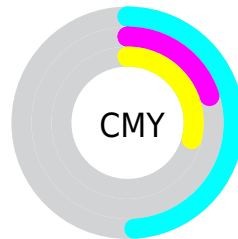
- Red (51%)
- Green (80%)
- Blue (71%)



- Red (51%)
- Yellow (68%)
- Blue (80%)



- Cyan (37%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)



- Cyan (49%)
- Magenta (20%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 178.9530, 1.0092, -43.8088 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 178.9530, 1.0092, -43.8088 by changing the saturation by 10% instead.



■ 178.9530, 1.0092,  
-43.8088

■ 178.9530, 1.0092,  
-43.8088

255.0000, 0.0000,  
0.0000

■ 151.3660, 1.2986,  
-43.2940

■ 231.7190, 2.6035,  
-41.8496

■ 124.4800, 1.7354,  
-43.3940

■ 242.4420, 6.1911,  
-25.8206

■ 98.2950, 2.3196,  
-44.1087

■ 251.1130, 1.9163,  
-7.9921

■ 71.3160, 3.7882,  
-48.5121

■ 49.8220, 3.0458,  
-43.6939

■ 33.9270, 0.5290,  
-29.7540

■ 20.2660, -3.5821,

-17.7733

■ 0.0000, 0.0000,  
0.0000

■ 178.9530, 1.0092,  
-43.8088

■ 178.9530, 1.0092,  
-43.8088

■ 172.2890, 1.3365,  
-55.5045

■ 185.6170, 0.6818,  
-32.1131

■ 165.2120, 1.3745,  
-67.7149

■ 192.6940, 0.6439,  
-19.9026

■ 158.5480, 1.7018,  
-79.4106

■ 199.3580, 0.3165,  
-8.2070

■ 151.5850, 2.1766,  
-91.7210

■ 206.3210, -0.1583,  
4.1035

■ 144.9210, 2.5039,  
-103.4167

■ 212.9850, -0.4856,  
15.7992

■ 138.1430, 2.3945,  
-115.0124

■ 219.7630, -0.3762,  
27.3948

■ 135.8220, 2.5528,  
-119.1159

■ 221.6430, 1.6550,  
29.2541

■ 222.3270, 4.2758,  
28.6542

■ 223.0110, 6.8966,  
28.0544

# Harmonies

## Analogous

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



182.4260, -13.0280, -21.4216



178.9530, 1.0092, -43.8088



176.3500, 15.6035, -58.1889

# Triad

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



178.9530, 1.0092, -43.8088



190.8570, 23.7345, -6.0136



191.1500, -20.7799, 38.4565

# Complementary

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



178.9530, 1.0092, -43.8088



154.0470, -1.0092, 43.8088

# 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.



192.8270, -10.7607, 44.8787



178.9530, 1.0092, -43.8088



193.6170, 14.4858, 20.5069

# Square

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



178.9530, 1.0092, -43.8088



185.1200, 28.0418, -34.3082



194.1110, 1.9173, 38.4907



188.7970, -25.5359, 23.8570



# Rectangle

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



178.9530, 1.0092, -43.8088



177.2990, 23.0236, -58.1442



194.1110, 1.9173, 38.4907



191.5680, -18.0280, 42.4749

# Sweetspot

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



178.9530, 1.0092, -43.8088



245.6020, 0.1962, -16.3140



180.2010, -25.2421, -23.8553



122.2330, -0.1149, -9.8513



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

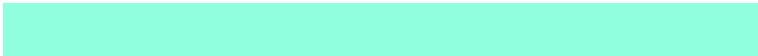


# Same Dimension

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



178.9530, 1.0092, -43.8088



217.6360, 1.6585, -65.4558



173.3570, 15.1070, -38.9011



98.6680, 0.1637, -5.8478



110.5520, 2.1929, -96.9541



25.3840, 0.7967, -22.2618



# Inverse Universe

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



154.0470, -1.0092, 43.8088



180.3640, -1.6585, 65.4558



159.6430, -15.1070, 38.9011



95.3320, -0.1637, 5.8478



55.4480, -2.1929, 96.9541

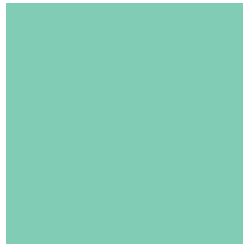


12.7300, -0.3599, 22.1618



# Previews

## White Background



This preview shows how the YUV color 178.9530, 1.0092, -43.8088 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

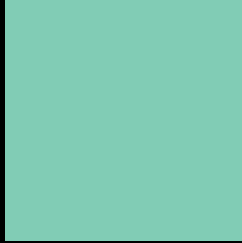
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 178.9530, 1.0092, -43.8088 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

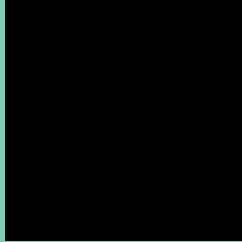
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 178.9530, 1.0092, -43.8088

## Background



This preview shows how black text looks on a background with the YUV color 178.9530, 1.0092, -43.8088.



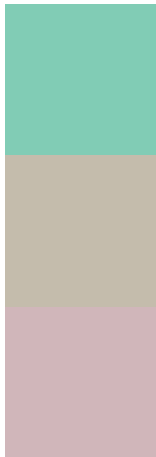
This preview shows how white text looks on a background with the YUV color 178.9530, 1.0092,

-43.8088.

# 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

178.9530, 1.0092, -43.8088

### Protanopia

188.5680, -8.1680, 6.5179

### Deuteranopia

190.2300, -2.0854, 15.5843



## Tritanopia

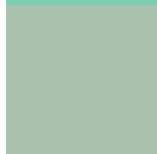
182.2860, 16.1280, -39.7158

# Trichromacy



## Original Color

178.9530, 1.0092, -43.8088



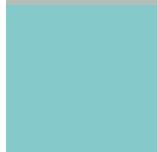
## Protanomaly

185.2560, -5.0562, -11.6255



## Deuteranomaly

186.0270, -0.9993, -6.1627



## Tritanomaly

181.1950, 10.7499, -41.3900

# Monochromacy



## Original Color

178.9530, 1.0092, -43.8088



## Achromatopsia

179.0000, 0.0000, 0.0000



## Achromatomaly

179.0150, 0.4856, -15.7992

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 178.9530, 1.0092, -43.8088 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(129, 204, 181)` looks like.

```
.text, #text, p{  
    color:rgb(129, 204, 181)  
}
```

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(129, 204, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 204, 181) }
```

## Border

The CSS property to change the border of an element to YUV 178.9530, 1.0092, -43.8088 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(129, 204, 181) }
```



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

```
.border{ border-color:rgb(129, 204, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 204, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 204, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 204, 181);  
box-shadow:4px 4px 4px 4px rgb(129, 204,  
181) }
```

# Background

The CSS property to change the background color of an element to YUV 178.9530, 1.0092, -43.8088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 204, 181) }
```

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

```
.background{ background-color: rgb(129,  
204, 181) }
```

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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