

# Converting Colors

YUV(178.2180, 15.6685,  
-79.1212)

Have a look what the booklet for  
YUV(178.2180, 15.6685, -79.1212)  
contains.

<b>YUV(178.2180, 15.6685, -79.1212)</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(178.2180, 15.6685,  
-79.1212)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58DAD2
RGB	88, 218, 210
RGB Percent	35%, 85%, 82%
CMY	0.6549, 0.1451, 0.1765
CMYK	0.60, 0.00, 0.04, 0.15
HSL	176°, 64%, 60%
HSV	176°, 60%, 85%
XYZ	40.7288, 56.8707, 69.8033
YIQ	178.2180, -74.9120, -30.0480

# Conversions

## Conversions Part 2

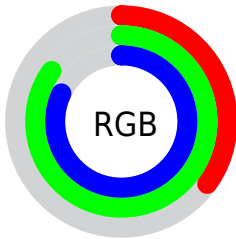
Format	Color
<a href="#">RYB</a>	<a href="#">88, 155, 218</a>
Decimal	<a href="#">5823186</a>
CIELab	<a href="#">80.11, -37.30, -6.75</a>
CIELCh	<a href="#">80, 37.903, 190.259</a>
Yxy	<a href="#">56.8707, 0.2433, 0.3397</a>
Android (android.graphics.Color)	<a href="#">4284013266 (0xFF58DAD2)</a>
YUV	<a href="#">178.2180, 15.6685, -79.1212</a>
Hunter-Lab	<a href="#">75.4126, -35.5681, -2.0910</a>

# Details

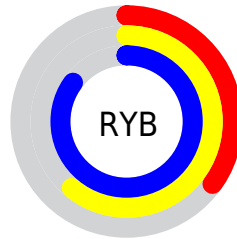
The YUV color **178.2180, 15.6685, -79.1212** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **127.7820, -15.6685, 79.1212**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6050, 15.4777, -64.5516**, and **112.8780, 21.2591, -98.9940** is the 20% darker color. If you saturate the color by 10%, you get **171.5260, 18.4747, -92.5463**, and if you desaturate by 10%, it is **184.9100, 12.8624, -65.6961**.

# Distribution



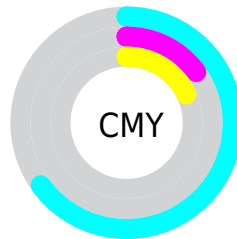
- Red (35%)
- Green (85%)
- Blue (82%)



- Red (35%)
- Yellow (61%)
- Blue (85%)



- Cyan (60%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (65%)
- Magenta (15%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 178.2180, 15.6685, -79.1212 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 178.2180, 15.6685, -79.1212 by changing the saturation by 10% instead.



178.2180, 15.6685,  
-79.1212

178.2180, 15.6685,  
-79.1212

255.0000, 0.0000,  
0.0000

147.8260, 16.8478,  
-84.0394

223.6050, 15.4777,  
-64.5516

112.8780, 21.2591,  
-98.9940

232.5750, 11.0555,  
-46.1083

94.6520, 17.4266,  
-83.0098

241.5450, 6.6333,  
-27.6650

76.5400, 14.0308,  
-67.1256

250.8140, 2.0637,  
-8.6069

59.1290, 10.7824,  
-51.8561

42.4190, 7.6814,  
-37.2015

26.9970, 4.4385,

-23.6764

■ 2.4110, 6.6994,  
-2.1144

■ 0.0000, 0.0000,  
0.0000

■ 178.2180, 15.6685,  
-79.1212

■ 178.2180, 15.6685,  
-79.1212

■ 171.5260, 18.4747,  
-92.5463

■ 184.9100, 12.8624,  
-65.6961

■ 164.7200, 20.8440,  
-105.8714

■ 191.7160, 10.4930,  
-52.3709

■ 158.3270, 23.5028,  
-118.6818

■ 198.1090, 7.8343,  
-39.5606

■ 151.6350, 26.3089,  
-132.1069

■ 204.8010, 5.0281,  
-26.1355

■ 151.3360, 26.4564,  
-132.7217

■ 211.6070, 2.6587,  
-12.8103

■ 218.2990, -0.1474,  
0.6148

■ 224.9910, -2.9536,  
14.0399

■ 229.4050, -4.1437,  
22.4468

■ 229.5190, -3.7069,  
22.3468

# Harmonies

## Analogous

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



185.1990, -5.5211, -49.2865



178.2180, 15.6685, -79.1212



176.6200, 32.7253, -89.9977

# Triad

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



178.2180, 15.6685, -79.1212



202.9180, 24.6904, 14.1039



198.1750, -32.1313, 39.3115

# Complementary

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



178.2180, 15.6685, -79.1212



127.7820, -15.6685, 79.1212

# 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.



197.8140, -21.1073, 50.1521



178.2180, 15.6685, -79.1212



203.7940, 9.4686, 43.1537

# Square

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



178.2180, 15.6685, -79.1212



195.8270, 29.1723, -23.5273



198.6410, -5.2460, 49.4268



195.0810, -33.0709, 13.9610



# Rectangle

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



178.2180, 15.6685, -79.1212



182.2180, 35.8815, -75.6132



198.6410, -5.2460, 49.4268



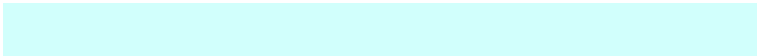
198.7890, -29.9690, 45.7890

# Sweetspot

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



178.2180, 15.6685, -79.1212



240.9040, 5.4703, -27.9798



167.0010, -38.9475, -61.3909



119.1010, 3.4012, -17.6286



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.



178.2180, 15.6685, -79.1212



198.7300, 22.3181, -112.0192



146.2580, 35.3688, -51.0923



106.5970, 1.1847, -6.6626



120.1330, 21.1334, -105.3566



31.9040, 5.4703, -27.9798



# Inverse Universe

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



127.7820, -15.6685, 79.1212



127.3840, -21.8813, 111.9192



159.7420, -35.3688, 51.0923



102.2890, -1.6215, 6.7625



52.9810, -20.6966, 105.2567

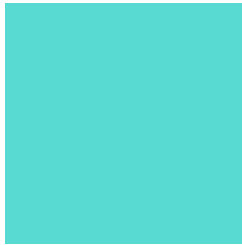


14.0960, -5.4703, 27.9798



# Previews

## White Background



This preview shows how the YUV color 178.2180, 15.6685, -79.1212 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

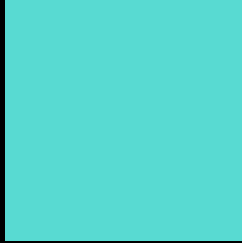
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 178.2180, 15.6685, -79.1212 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

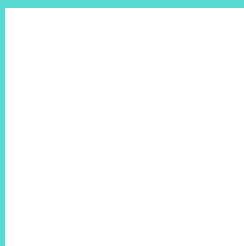
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 178.2180, 15.6685, -79.1212

## Background



This preview shows how black text looks on a background with the YUV color 178.2180, 15.6685, -79.1212.



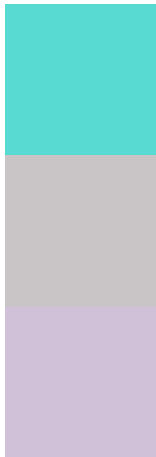
This preview shows how white text looks on a background with the YUV color 178.2180, 15.6685, -79.1212.

-79.1212.

# 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

178.2180, 15.6685, -79.1212

### Protanopia

197.6090, -0.3002, 2.9739

### Deuteranopia

199.5200, 8.1246, 7.4370



## Tritanopia

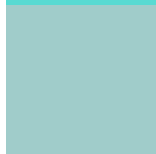
181.6560, 24.8196, -74.2433

# Trichromacy



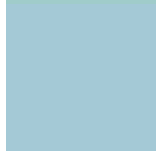
## Original Color

178.2180, 15.6685, -79.1212



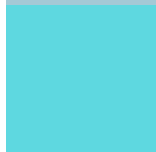
## Protanomaly

190.6160, 5.6123, -26.8502



## Deuteranomaly

191.4190, 11.1324, -24.0465



## Tritanomaly

180.4340, 21.4780, -75.8026

# Monochromacy



## Original Color

178.2180, 15.6685, -79.1212



## Achromatopsia

178.0000, 0.0000, 0.0000



## Achromatomaly

178.3060, 5.7651, -29.2094

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 178.2180, 15.6685, -79.1212 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(88, 218, 210)` looks like.

```
.text, #text, p{  
    color:rgb(88, 218, 210)  
}
```

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(88, 218, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 218, 210) }
```

## Border

The CSS property to change the border of an element to YUV 178.2180, 15.6685, -79.1212 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(88, 218, 210) }
```



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

```
.border{ border-color:rgb(88, 218, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 218, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 218, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 218, 210);  
box-shadow:4px 4px 4px 4px rgb(88, 218,  
210) }
```

# Background

The CSS property to change the background color of an element to YUV 178.2180, 15.6685, -79.1212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 218, 210) }
```

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

```
.background{ background-color: rgb(88, 218,  
210) }
```

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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