

# Converting Colors

YUV(171.3480, 18.5624,  
-73.9732)

Have a look what the booklet for  
YUV(171.3480, 18.5624, -73.9732)  
contains.

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# Color

**YUV(171.3480, 18.5624,  
-73.9732)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57CFD1
RGB	87, 207, 209
RGB Percent	34%, 81%, 82%
CMY	0.6588, 0.1882, 0.1804
CMYK	0.58, 0.01, 0.00, 0.18
HSL	181°, 57%, 58%
HSV	181°, 58%, 82%
XYZ	37.7519, 51.2553, 68.2251
YIQ	171.3480, -72.1620, -24.8180

# Conversions

## Conversions Part 2

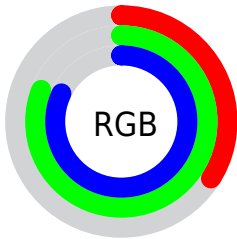
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 147, 209
Decimal	5754833
CIE <sub>Lab</sub>	76.83, -32.60, -11.08
CIE <sub>LCh</sub>	77, 34.438, 198.777
Yxy	51.2553, 0.2401, 0.3260
Android (android.graphics.Color)	4283944913 (0xFF57CFD1)
YUV	171.3480, 18.5624, -73.9732
Hunter-Lab	71.5928, -31.1618, -6.3860

# Details

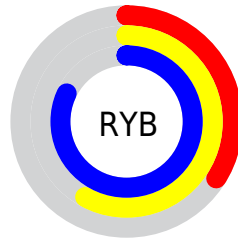
The YUV color **171.3480, 18.5624, -73.9732** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **124.6520, -18.5624, 73.9732**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.0070, 15.7725, -65.7811**, and **106.8940, 23.7163, -93.7460** is the 20% darker color. If you saturate the color by 10%, you get **165.0690, 21.6580, -86.8835**, and if you desaturate by 10%, it is **177.6270, 15.4669, -61.0629**.

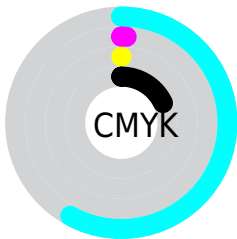
# Distribution



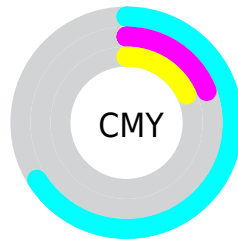
- Red (34%)
- Green (81%)
- Blue (82%)



- Red (34%)
- Yellow (58%)
- Blue (82%)



- Cyan (58%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (66%)
- Magenta (19%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 171.3480, 18.5624, -73.9732 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 171.3480, 18.5624, -73.9732 by changing the saturation by 10% instead.



■ 171.3480, 18.5624,  
-73.9732

■ 171.3480, 18.5624,  
-73.9732

■ 255.0000, 0.0000,  
0.0000

■ 141.2550, 19.5943,  
-78.2766

■ 223.0070, 15.7725,  
-65.7811

■ 106.8940, 23.7163,  
-93.7460

■ 231.9770, 11.3503,  
-47.3378

■ 88.6680, 19.8837,  
-77.7618

■ 240.9470, 6.9281,  
-28.8945

■ 70.5560, 16.4879,  
-61.8776

■ 249.9170, 2.5059,  
-10.4512

■ 53.7320, 12.9501,  
-47.1230

■ 37.0220, 9.8492,  
-32.4683

■ 23.3610, 5.7380,

-20.4876

■ 2.0690, 5.3890,  
-1.8145

■ 0.0000, 0.0000,  
0.0000

■ 171.3480, 18.5624,  
-73.9732

■ 171.3480, 18.5624,  
-73.9732

■ 165.0690, 21.6580,  
-86.8835

■ 177.6270, 15.4669,  
-61.0629

■ 158.2030, 25.0429,  
-99.2790

■ 184.4930, 12.0820,  
-48.6674

■ 151.9240, 28.1385,  
-112.1893

■ 190.7720, 8.9864,  
-35.7570

■ 145.6450, 31.2340,  
-125.0997

■ 197.0510, 5.8909,  
-22.8467

■ 144.7480, 31.6762,  
-126.9440

■ 203.9170, 2.5059,  
-10.4512

■ 209.8970, -0.4422,  
1.8443

■ 216.1760, -3.5378,  
14.7546

■ 223.0420, -6.9227,  
27.1502

■ 223.3410, -7.0701,  
27.7649

# Harmonies

## Analogous

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



175.9690, 0.0153, -51.7158



171.3480, 18.5624, -73.9732



173.3770, 31.3661, -73.9986

# Triad

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



171.3480, 18.5624, -73.9732



194.3550, 18.5590, 20.7367



189.1630, -30.6464, 29.6750

# Complementary

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



171.3480, 18.5624, -73.9732



124.6520, -18.5624, 73.9732

# 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.



191.1080, -23.7172, 47.2633



171.3480, 18.5624, -73.9732



194.4260, 4.2270, 44.3534

# Square

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



171.3480, 18.5624, -73.9732



190.6050, 29.2817, -11.9316



192.5830, -10.6404, 52.9857



185.6930, -27.9496, 4.6542



# Rectangle

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



171.3480, 18.5624, -73.9732



178.8720, 34.0801, -57.7697



192.5830, -10.6404, 52.9857



189.6630, -28.9209, 36.2525

# Sweetspot

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



171.3480, 18.5624, -73.9732



240.6590, 7.0701, -27.7649



158.6140, -35.3057, -62.8055



118.7420, 4.5642, -17.3137



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.



171.3480, 18.5624, -73.9732



200.0170, 27.1066, -107.8859



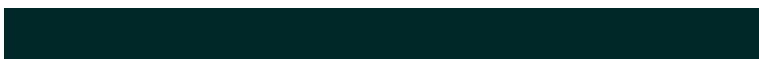
136.7150, 35.6365, -43.6001



101.1240, 1.9109, -6.2477



116.5940, 25.3432, -102.2529



28.1540, 6.3331, -24.6911



# Inverse Universe

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



137.1580, 34.4321, 63.0054



150.1720, 50.2012, 91.9342



159.2850, -35.6365, 43.6001



98.4290, 2.7465, 5.7628



69.1560, 47.7441, 86.6862

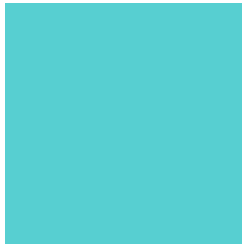


16.8190, 11.4282, 21.2067



# Previews

## White Background



This preview shows how the YUV color 171.3480, 18.5624, -73.9732 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 171.3480, 18.5624, -73.9732 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

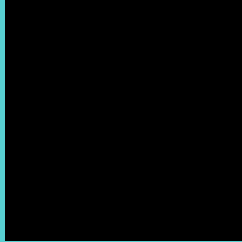
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

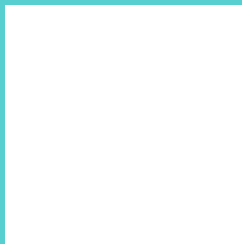
Any Text WCAG AAA ✓ Pass

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

# YUV 171.3480, 18.5624, -73.9732 Background



This preview shows how black text looks on a background with the YUV color 171.3480, 18.5624, -73.9732.



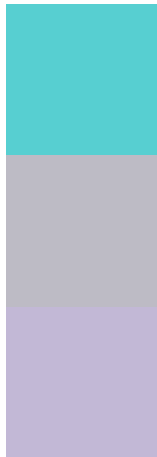
This preview shows how white text looks on a background with the YUV color 171.3480, 18.5624, -73.9732.

-73.9732.

# 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

171.3480, 18.5624, -73.9732

### Protanopia

188.7380, 4.0732, 0.2298

### Deuteranopia

190.4100, 11.6299, 3.1484



## Tritanopia

173.1510, 24.0826, -71.1694

# Trichromacy



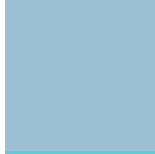
## Original Color

171.3480, 18.5624, -73.9732



## Protanomaly

182.2400, 9.2487, -26.5205



## Deuteranomaly

183.2170, 14.1900, -24.7463



## Tritanomaly

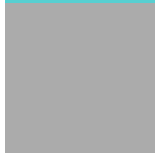
172.5700, 21.9040, -72.4139

# Monochromacy



## Original Color

171.3480, 18.5624, -73.9732



## Achromatopsia

171.0000, 0.0000, 0.0000



## Achromatomaly

170.9580, 6.9227, -27.1502

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 171.3480, 18.5624, -73.9732 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(87, 207, 209)` looks like.

```
.text, #text, p{  
    color:rgb(87, 207, 209)  
}
```

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(87, 207, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 207, 209) }
```

## Border

The CSS property to change the border of an element to YUV 171.3480, 18.5624, -73.9732 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(87, 207, 209) }
```



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

```
.border{ border-color:rgb(87, 207, 209) }
```

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

Here you see how a box with a 4 pixel rgb(87, 207, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 207, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 207, 209);  
box-shadow:4px 4px 4px 4px rgb(87, 207,  
209) }
```

# Background

The CSS property to change the background color of an element to YUV 171.3480, 18.5624, -73.9732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 207, 209) }
```

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

```
.background{ background-color: rgb(87, 207,  
209) }
```

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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