

# Converting Colors

YUV(185.1010, 16.7122,  
-40.4306)

Have a look what the booklet for  
YUV(185.1010, 16.7122, -40.4306)  
contains.

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# Color

**YUV(185.1010, 16.7122,  
-40.4306)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BCADB
RGB	139, 202, 219
RGB Percent	55%, 79%, 86%
CMY	0.4549, 0.2078, 0.1412
CMYK	0.37, 0.08, 0.00, 0.14
HSL	193°, 53%, 70%
HSV	193°, 37%, 86%
XYZ	44.5542, 52.8445, 74.8696
YIQ	185.1010, -43.0050, -8.0690

# Conversions

## Conversions Part 2

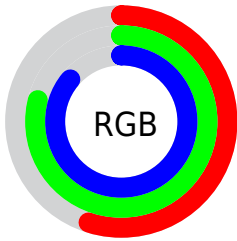
<b>Format</b>	<b>Color</b>
<b>RYB</b>	139, 174, 219
Decimal	9161435
CIELab	77.78, -15.83, -14.83
CIElCh	78, 21.694, 223.135
Yxy	52.8445, 0.2586, 0.3068
Android (android.graphics.Color)	4287351515 (0xFF8BCADB)
YUV	185.1010, 16.7122, -40.4306
Hunter-Lab	72.6942, -17.8125, -10.1783

# Details

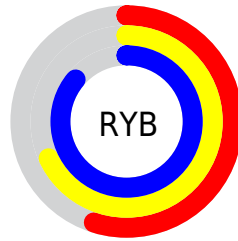
The YUV color **185.1010, 16.7122, -40.4306** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **172.8990, -16.7122, 40.4306**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.0600, 8.8444, -36.8866**, and **130.9870, 16.2754, -40.3306** is the 20% darker color. If you saturate the color by 10%, you get **175.5880, 21.4021, -51.3817**, and if you desaturate by 10%, it is **194.6140, 12.0223, -29.4795**.

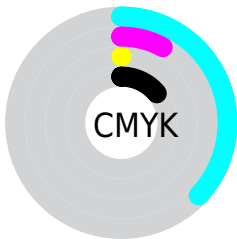
# Distribution



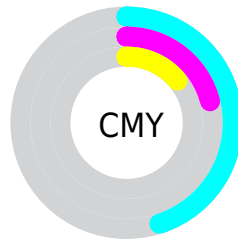
- Red (55%)
- Green (79%)
- Blue (86%)



- Red (55%)
- Yellow (68%)
- Blue (86%)



- Cyan (37%)
- Magenta (8%)
- Yellow (0%)
- Black (14%)



- Cyan (45%)
- Magenta (21%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 185.1010, 16.7122, -40.4306 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 185.1010, 16.7122, -40.4306 by changing the saturation by 10% instead.



■ 185.1010, 16.7122,  
-40.4306

■ 185.1010, 16.7122,  
-40.4306

■ 255.0000, 0.0000,  
0.0000

■ 157.9870, 16.2754,  
-40.3306

■ 237.0600, 8.8444,  
-36.8866

■ 130.9870, 16.2754,  
-40.3306

■ 245.7310, 4.5696,  
-19.0581

■ 104.3890, 16.5702,  
-41.5602

■ 254.4020, 0.2948,  
-1.2296

■ 77.4810, 17.0179,  
-45.1488

■ 52.8830, 17.3127,  
-46.3784

■ 36.6460, 13.4855,  
-32.1385

■ 22.3980, 9.6638,

-19.6430

■ 3.0950, 9.3202,  
-2.7143

■ 0.0000, 0.0000,  
0.0000

■ 185.1010, 16.7122,  
-40.4306

■ 185.1010, 16.7122,  
-40.4306

■ 175.5880, 21.4021,  
-51.3817

■ 194.6140, 12.0223,  
-29.4795

■ 166.6620, 25.8026,  
-62.8476

■ 203.5400, 7.6218,  
-18.0136

■ 157.1490, 30.4925,  
-73.7987

■ 213.0530, 2.9319,  
-7.0625

■ 147.6360, 35.1825,  
-84.7498

■ 222.5660, -1.7580,  
3.8886

■ 139.0090, 39.4356,  
-95.6009

■ 231.4920, -6.1586,  
15.3545

■ 129.4960, 44.1255,  
-106.5520

■ 236.2210, -8.4900,  
16.4692

■ 125.9300, 45.8835,  
-110.4406

■ 239.1560, -9.9369,  
13.8952

■ 241.5040,  
-11.0945, 11.8360

■ 244.4390,  
-12.5414, 9.2620

# Harmonies

## Analogous

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



184.2230, 8.2711, -39.6606



185.1010, 16.7122, -40.4306



188.2040, 20.6054, -29.1199

# Triad

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



185.1010, 16.7122, -40.4306



195.9030, 3.9918, 26.3951



190.8210, -18.6458, 7.1730

# Complementary

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



185.1010, 16.7122, -40.4306



172.8990, -16.7122, 40.4306

# 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.



192.5070, -18.9840, 22.3574



185.1010, 16.7122, -40.4306



195.4280, -5.6340, 33.8276

# Square

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



185.1010, 16.7122, -40.4306



195.2090, 13.2080, 10.3407



194.2400, -13.9223, 32.2385



187.9050, -12.7712, -10.4407



# Rectangle

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



185.1010, 16.7122, -40.4306



191.1670, 20.1307, -16.8095



194.2400, -13.9223, 32.2385



191.6260, -19.5356, 12.6060

# Sweetspot

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



185.1010, 16.7122, -40.4306



243.1060, 5.8637, -14.1250



187.7840, -16.1625, -42.7836



120.5690, 3.6635, -8.3920



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

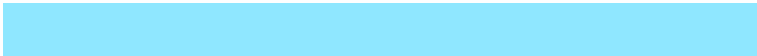


# Same Dimension

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



185.1010, 16.7122, -40.4306



207.4240, 23.4550, -56.4998



162.2080, 27.9985, -20.3534



104.9500, 2.4896, -5.2182



100.1410, 35.9195, -87.8237



26.3760, 9.6746, -23.1318



# Inverse Universe

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



170.1020, 15.7257, 42.8835



186.5200, 21.9286, 60.0570



195.7920, -27.9985, 20.3534



103.2010, 1.8729, 5.9627



67.3450, 34.3399, 92.6594

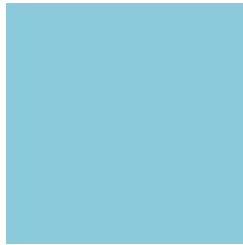


17.8580, 8.9440, 24.6805



# Previews

## White Background



This preview shows how the YUV color 185.1010, 16.7122, -40.4306 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

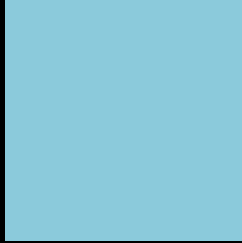
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 185.1010, 16.7122, -40.4306 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

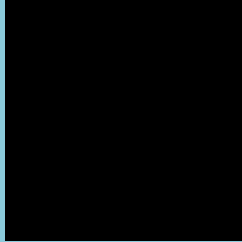
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 185.1010, 16.7122, -40.4306

## Background



This preview shows how black text looks on a background with the YUV color 185.1010, 16.7122, -40.4306.



This preview shows how white text looks on a background with the YUV color 185.1010, 16.7122, -40.4306.

-40.4306.

# 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

185.1010, 16.7122, -40.4306

### Protanopia

192.0950, 9.3202, -2.7143

### Deuteranopia

193.3820, 14.1087, 1.4190



## **Tritanopia**

184.9870, 16.2754, -40.3306

# Trichromacy



## Original Color

185.1010, 16.7122, -40.4306

## Protanomaly

189.4030, 12.1263, -16.1394

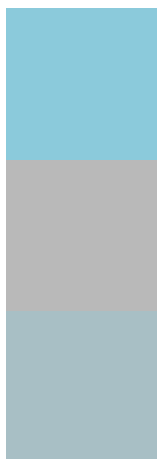
## Deuteranomaly

190.2230, 15.1731, -13.3506

## Tritanomaly

184.9870, 16.2754, -40.3306

# Monochromacy



## Original Color

185.1010, 16.7122, -40.4306

## Achromatopsia

185.0000, 0.0000, 0.0000

## Achromatomaly

184.8070, 6.0111, -14.7397

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 185.1010, 16.7122, -40.4306 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(139, 202, 219)` looks like.

```
.text, #text, p{  
    color:rgb(139, 202, 219)  
}
```

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(139, 202, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 202, 219) }
```

## Border

The CSS property to change the border of an element to YUV 185.1010, 16.7122, -40.4306 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(139, 202, 219) }
```



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

```
.border{ border-color:rgb(139, 202, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 202, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 202, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 202, 219);  
box-shadow:4px 4px 4px 4px rgb(139, 202,  
219) }
```

# Background

The CSS property to change the background color of an element to YUV 185.1010, 16.7122, -40.4306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 202, 219) }
```

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

```
.background{ background-color: rgb(139,  
202, 219) }
```

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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