

Converting Colors

YUV(166.5180, 10.5906,
-83.7693)

Have a look what the booklet for
YUV(166.5180, 10.5906, -83.7693)
contains.

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Color

**YUV(166.5180, 10.5906,
-83.7693)**

Conversions

Conversions Part 1

Format	Color
Hex	47D3BC
RGB	71, 211, 188
RGB Percent	28%, 83%, 74%
CMY	0.7216, 0.1725, 0.2627
CMYK	0.66, 0.00, 0.11, 0.17
HSL	170°, 61%, 55%
HSV	170°, 66%, 83%
XYZ	34.9699, 51.5590, 55.6857
YIQ	166.5180, -76.0570, -36.8330

Conversions

Conversions Part 2

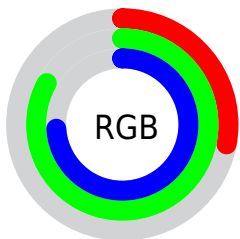
Format	Color
RYB	71, 147, 211
Decimal	4707260
CIELab	77.02, -42.65, 0.43
CIELCh	77, 42.655, 179.419
Yxy	51.5590, 0.2459, 0.3625
Android (android.graphics.Color)	4282897340 (0xFF47D3BC)
YUV	166.5180, 10.5906, -83.7693
Hunter-Lab	71.8046, -38.7258, 4.2828

Details

The YUV color **166.5180, 10.5906, -83.7693** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted spring green. A complement of this color would be **115.4820, -10.5906, 83.7693**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.8660, 12.8841, -72.6735**, and **106.9620, 13.8227, -93.8057** is the 20% darker color. If you saturate the color by 10%, you get **159.8970, 12.3758, -96.3797**, and if you desaturate by 10%, it is **173.1390, 8.8055, -71.1589**.

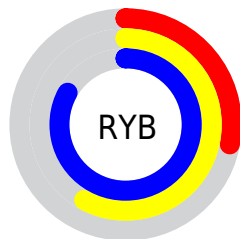
Distribution



Red (28%)

Green (83%)

Blue (74%)



Red (28%)

Yellow (58%)

Blue (83%)

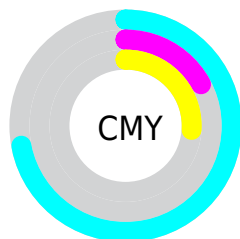


Cyan (66%)

Magenta (0%)

Yellow (11%)

Black (17%)



Cyan (72%)

Magenta (17%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.5180, 10.5906, -83.7693 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 166.5180, 10.5906, -83.7693 by changing the saturation by 10% instead.

■ 166.5180, 10.5906,
-83.7693

■ 166.5180, 10.5906,
-83.7693

255.0000, 0.0000,
0.0000

■ 133.8480, 13.3859,
-93.7057

■ 217.8660, 12.8841,
-72.6735

■ 106.9620, 13.8227,
-93.8057

■ 228.3890, 13.1192,
-54.7152

■ 88.2630, 10.7163,
-77.4067

■ 237.3590, 8.6970,
-36.2718

■ 70.1510, 7.3206,
-61.5224

■ 246.3290, 4.2748,
-17.8285

■ 52.8540, 4.5090,
-46.3530

■ 36.2580, 1.8448,
-31.7983

■ 21.6510, -0.8139,

-18.9879

■ 0.0000, 0.0000,
0.0000

■ 166.5180, 10.5906,
-83.7693

■ 166.5180, 10.5906,
-83.7693

■ 159.8970, 12.3758,
-96.3797

■ 173.1390, 8.8055,
-71.1589

■ 153.1620, 13.7241,
-108.8901

■ 179.8740, 7.4571,
-58.6485

■ 146.5410, 15.5093,
-121.5005

■ 186.4950, 5.6720,
-46.0381

■ 143.9210, 15.8149,
-126.2187

■ 193.2300, 4.3236,
-33.5277

■ 200.1500, 2.3910,
-20.3026

■ 206.8850, 1.0427,
-7.7921

■ 213.5060, -0.7425,
4.8182

■ 220.2410, -2.0908,
17.3286

■ 225.0680, -2.9915,
26.2504

Harmonies

Analogous

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



176.7670, -13.6891, -42.7687



166.5180, 10.5906, -83.7693



149.2620, 38.8178, -130.9028

Triad

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



166.5180, 10.5906, -83.7693



192.4370, 30.8436, 0.4938



190.3120, -33.1848, 50.5924

Complementary

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



166.5180, 10.5906, -83.7693



115.4820, -10.5906, 83.7693

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.



188.7810, -17.6400, 58.0741



166.5180, 10.5906, -83.7693



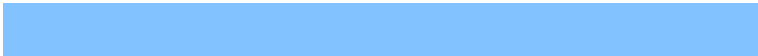
195.2370, 17.6312, 38.3802

Square

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



166.5180, 10.5906, -83.7693



181.8180, 36.0787, -45.4444



191.4660, 0.2633, 55.7193



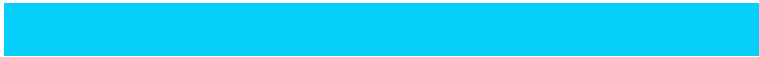
187.4800, -38.1976, 25.0120

Rectangle

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



166.5180, 10.5906, -83.7693



151.6890, 47.9743, -127.7693



191.4660, 0.2633, 55.7193



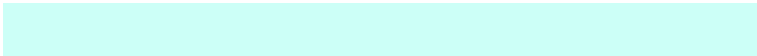
190.4960, -28.8385, 56.5700

Sweetspot

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



166.5180, 10.5906, -83.7693



238.8390, 4.0234, -30.5538



160.0570, -43.9051, -57.9320



118.0470, 1.9488, -18.4582



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.



166.5180, 10.5906, -83.7693



190.1280, 15.2199, -122.0153



141.5510, 34.2384, -61.8732



101.4830, 0.7479, -6.5626



114.6900, 12.9708, -100.5831



27.9430, 2.9861, -24.5060

Inverse Universe

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



115.4820, -10.5906, 83.7693



115.8720, -15.2199, 122.0153



140.4490, -34.2384, 61.8732



97.5170, -0.7479, 6.5626



53.4240, -12.5340, 100.4832



13.0570, -2.9861, 24.5060

Previews

White Background



This preview shows how the YUV color 166.5180, 10.5906, -83.7693 looks on a white background.

Color Contrast Check

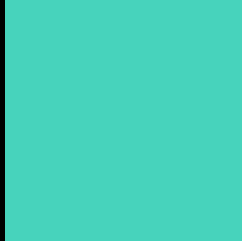
Large Text (above 18pt) WCAG AA × Fail

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 166.5180, 10.5906, -83.7693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

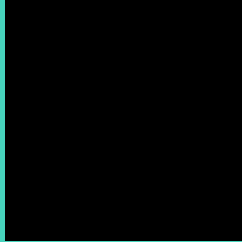
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

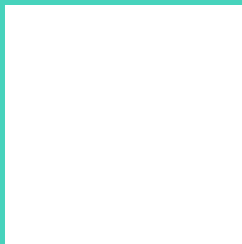
Any Text WCAG AAA ✓ Pass

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

YUV 166.5180, 10.5906, -83.7693 Background



This preview shows how black text looks on a background with the YUV color 166.5180, 10.5906, -83.7693.



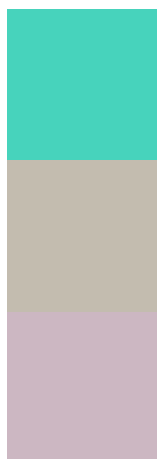
This preview shows how white text looks on a background with the YUV color 166.5180, 10.5906, -83.7693.

-83.7693.

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

166.5180, 10.5906, -83.7693

Protanopia

188.6110, -6.7102, 5.6032

Deuteranopia

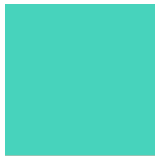
190.5330, 1.7092, 11.8106



Tritanopia

172.3570, 24.9670, -74.8581

Trichromacy



Original Color

166.5180, 10.5906, -83.7693



Protanomaly

180.4220, -0.2080, -26.6801



Deuteranomaly

181.8230, 5.0173, -22.6468



Tritanomaly

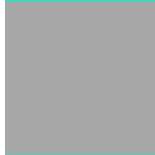
170.2550, 19.5943, -78.2766

Monochromacy



Original Color

166.5180, 10.5906, -83.7693



Achromatopsia

167.0000, 0.0000, 0.0000



Achromatomaly

166.8390, 4.0234, -30.5538

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.5180, 10.5906, -83.7693 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(71, 211, 188)` looks like.

```
.text, #text, p{  
    color:rgb(71, 211, 188)  
}
```

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(71, 211, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 211, 188) }
```

Border

The CSS property to change the border of an element to YUV 166.5180, 10.5906, -83.7693 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(71, 211, 188) }
```


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

```
.border{ border-color:rgb(71, 211, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 211, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 211, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 211, 188);  
box-shadow:4px 4px 4px 4px rgb(71, 211,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 166.5180, 10.5906, -83.7693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 211, 188) }
```

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

```
.background{ background-color: rgb(71, 211,  
188) }
```

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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