

Converting Colors

YUV(156.8770, 9.4276,
-84.0841)

Have a look what the booklet for
YUV(156.8770, 9.4276, -84.0841)
contains.

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Color

**YUV(156.8770, 9.4276,
-84.0841)**

Conversions

Conversions Part 1

Format	Color
Hex	3DCAB0
RGB	61, 202, 176
RGB Percent	24%, 79%, 69%
CMY	0.7608, 0.2078, 0.3098
CMYK	0.70, 0.00, 0.13, 0.21
HSL	169°, 57%, 52%
HSV	169°, 70%, 79%
XYZ	30.8815, 46.3677, 48.3965
YIQ	156.8770, -75.6900, -37.9780

Conversions

Conversions Part 2

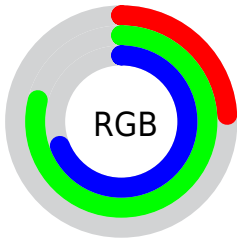
Format	Color
RYB	61, 139, 202
Decimal	4049584
CIELab	73.78, -43.26, 2.17
CIELCh	74, 43.318, 177.133
Yxy	46.3677, 0.2458, 0.3690
Android (android.graphics.Color)	4282239664 (0xFF3DCAB0)
YUV	156.8770, 9.4276, -84.0841
Hunter-Lab	68.0939, -38.2122, 5.5264

Details

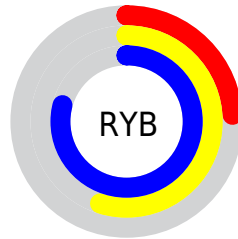
The YUV color **156.8770, 9.4276, -84.0841** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **106.1230, -9.4276, 84.0841**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.1060, 8.8217, -76.3920**, and **100.4250, 11.6225, -88.0727** is the 20% darker color. If you saturate the color by 10%, you get **150.4410, 10.6286, -95.9798**, and if you desaturate by 10%, it is **163.3130, 8.2267, -72.1885**.

Distribution



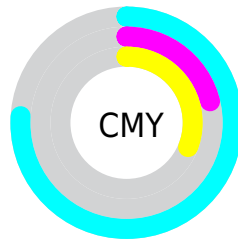
- Red (24%)
- Green (79%)
- Blue (69%)



- Red (24%)
- Yellow (55%)
- Blue (79%)



- Cyan (70%)
- Magenta (0%)
- Yellow (13%)
- Black (21%)



- Cyan (76%)
- Magenta (21%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.8770, 9.4276, -84.0841 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 156.8770, 9.4276, -84.0841 by changing the saturation by 10% instead.

■ 156.8770, 9.4276,
-84.0841

■ 156.8770, 9.4276,
-84.0841

255.0000, 0.0000,
0.0000

■ 120.0210, 14.2866,
-102.6274

■ 214.1060, 8.8217,
-76.3920

■ 100.4250, 11.6225,
-88.0727

■ 225.6980, 14.4459,
-60.2481

■ 82.3130, 8.2267,
-72.1885

■ 234.6680, 10.0237,
-41.8048

■ 64.3150, 5.2677,
-56.4043

■ 243.6380, 5.6015,
-23.3615

■ 47.0180, 2.4561,
-41.2348

■ 252.9070, 1.0318,
-4.3034

■ 31.1230, -0.0606,
-27.2949

■ 13.8260, -2.8722,

-12.1254

■ 0.0000, 0.0000,
0.0000

■ 156.8770, 9.4276,
-84.0841

■ 156.8770, 9.4276,
-84.0841

■ 150.4410, 10.6286,
-95.9798

■ 163.3130, 8.2267,
-72.1885

■ 144.1190, 12.2663,
-107.9754

■ 169.6350, 6.5889,
-60.1929

■ 137.3840, 13.6147,
-120.4858

■ 176.3700, 5.2406,
-47.6825

■ 182.8060, 4.0396,
-35.7869

■ 189.2420, 2.8387,
-23.8912

■ 195.5640, 1.2009,
-11.8956

■ 202.0000, 0.0000,
0.0000

■ 208.7350, -1.3484,
12.5104

■ 215.1710, -2.5493,
24.4060

Harmonies

Analogous

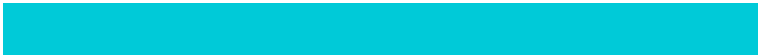
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



168.3220, -15.4417, -40.6244



156.8770, 9.4276, -84.0841



143.1980, 35.8914, -125.5846

Triad

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



156.8770, 9.4276, -84.0841



183.5120, 33.7646, -3.0800



181.5510, -32.3166, 52.1368

Complementary

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



156.8770, 9.4276, -84.0841



106.1230, -9.4276, 84.0841

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.



182.2270, -17.3669, 63.8219



156.8770, 9.4276, -84.0841



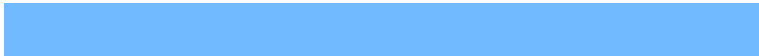
186.5680, 18.9470, 36.3359

Square

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



156.8770, 9.4276, -84.0841



172.0390, 40.8998, -51.7772



185.3140, 0.8312, 60.2376



178.7900, -38.3505, 27.3712

Rectangle

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



156.8770, 9.4276, -84.0841



143.9450, 46.3691, -126.2398



185.3140, 0.8312, 60.2376



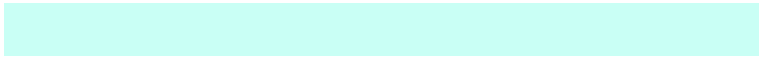
181.7350, -27.9704, 58.1144

Sweetspot

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



156.8770, 9.4276, -84.0841



237.7140, 3.5920, -32.1982



152.1390, -44.9315, -55.3729



117.7480, 2.0962, -19.0730



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.



156.8770, 9.4276, -84.0841



186.5680, 14.5100, -127.6631



135.1870, 32.9388, -65.0620



98.7820, 0.6005, -5.9478



112.8320, 10.9288, -98.9537



25.8400, 2.5439, -22.6617

Inverse Universe

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



106.1230, -9.4276, 84.0841



109.4320, -14.5100, 127.6631



127.8130, -32.9388, 65.0620



95.2180, -0.6005, 5.9478



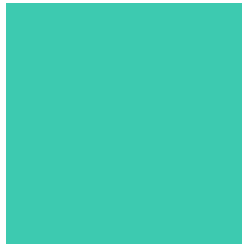
53.1680, -10.9288, 98.9537



12.1600, -2.5439, 22.6617

Previews

White Background



This preview shows how the YUV color 156.8770, 9.4276, -84.0841 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 156.8770, 9.4276, -84.0841 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

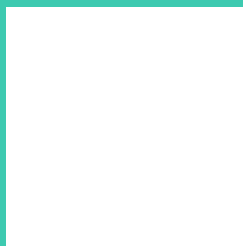
Any Text WCAG AAA ✓ Pass

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

YUV 156.8770, 9.4276, -84.0841 Background



This preview shows how black text looks on a background with the YUV color 156.8770, 9.4276, -84.0841.

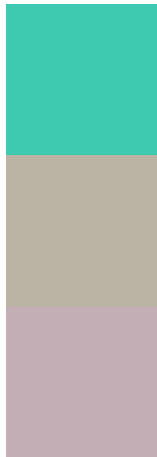


This preview shows how white text looks on a background with the YUV color 156.8770, 9.4276,

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

156.8770, 9.4276, -84.0841

Protanopia

179.6820, -7.7312, 6.4179

Deuteranopia

181.4900, 0.2514, 12.7253



Tritanopia

163.5420, 24.3828, -74.1433

Trichromacy



Original Color

156.8770, 9.4276, -84.0841



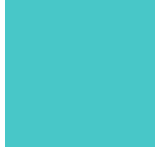
Protanomaly

171.0800, -1.5184, -26.3802



Deuteranomaly

172.4810, 3.7069, -22.3468



Tritanomaly

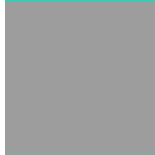
161.1410, 19.1575, -78.1767

Monochromacy



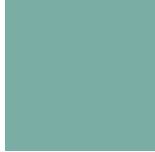
Original Color

156.8770, 9.4276, -84.0841



Achromatopsia

157.0000, 0.0000, 0.0000



Achromatomaly

156.7250, 3.5866, -30.4538

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.8770, 9.4276, -84.0841 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(61, 202, 176)` looks like.

```
.text, #text, p{  
    color:rgb(61, 202, 176)  
}
```

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(61, 202, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 202, 176) }
```

Border

The CSS property to change the border of an element to YUV 156.8770, 9.4276, -84.0841 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(61, 202, 176) }
```


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

```
.border{ border-color:rgb(61, 202, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 202, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 202, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 202, 176);  
box-shadow:4px 4px 4px 4px rgb(61, 202,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 156.8770, 9.4276, -84.0841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 202, 176) }
```

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

```
.background{ background-color: rgb(61, 202,  
176) }
```

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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