

Converting Colors

YUV(156.0680, 9.8265,
-71.9736)

Have a look what the booklet for
YUV(156.0680, 9.8265, -71.9736)
contains.

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Color

**YUV(156.0680, 9.8265,
-71.9736)**

Conversions

Conversions Part 1

Format	Color
Hex	4AC2B0
RGB	74, 194, 176
RGB Percent	29%, 76%, 69%
CMY	0.7098, 0.2392, 0.3098
CMYK	0.62, 0.00, 0.09, 0.24
HSL	171°, 50%, 53%
HSV	171°, 62%, 76%
XYZ	29.9523, 43.1740, 47.8291
YIQ	156.0680, -65.7420, -31.0380

Conversions

Conversions Part 2

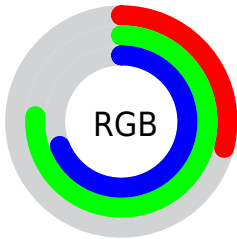
Format	Color
RYB	74, 139, 194
Decimal	4899504
CIELab	71.67, -37.65, -0.87
CIELCh	72, 37.659, 181.329
Yxy	43.1740, 0.2476, 0.3569
Android (android.graphics.Color)	4283089584 (0xFF4AC2B0)
YUV	156.0680, 9.8265, -71.9736
Hunter-Lab	65.7069, -33.6185, 2.8368

Details

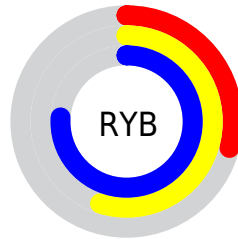
The YUV color **156.0680, 9.8265, -71.9736** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **111.9320, -9.8265, 71.9736**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.1500, 8.8000, -69.4146**, and **96.3160, 13.6482, -84.4691** is the 20% darker color. If you saturate the color by 10%, you get **150.0450, 11.3168, -83.3545**, and if you desaturate by 10%, it is **162.0910, 8.3361, -60.5928**.

Distribution



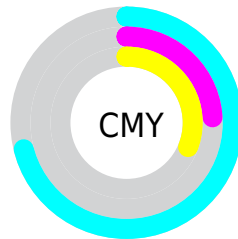
- Red (29%)
- Green (76%)
- Blue (69%)



- Red (29%)
- Yellow (55%)
- Blue (76%)



- Cyan (62%)
- Magenta (0%)
- Yellow (9%)
- Black (24%)



- Cyan (71%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.0680, 9.8265, -71.9736 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 156.0680, 9.8265, -71.9736 by changing the saturation by 10% instead.

■ 156.0680, 9.8265,
-71.9736

■ 156.0680, 9.8265,
-71.9736

255.0000, 0.0000,
0.0000

■ 125.4910, 11.5899,
-77.6066

■ 214.1500, 8.8000,
-69.4146

■ 96.3160, 13.6482,
-84.4691

■ 227.7910, 13.4140,
-55.9447

■ 78.2040, 10.2524,
-68.5849

■ 236.7610, 8.9918,
-37.5014

■ 60.2060, 7.2934,
-52.8007

■ 245.7310, 4.5696,
-19.0581

■ 43.4960, 4.1925,
-38.1460

254.7010, 0.1474,
-0.6148

■ 28.1880, 1.3863,
-24.7209

■ 7.9560, 0.0217,

-6.9774

■ 0.0000, 0.0000,
0.0000

■ 156.0680, 9.8265,
-71.9736

■ 156.0680, 9.8265,
-71.9736

■ 150.0450, 11.3168,
-83.3545

■ 162.0910, 8.3361,
-60.5928

■ 143.7230, 12.9546,
-95.3501

■ 168.4130, 6.6984,
-48.5972

■ 137.7000, 14.4449,
-106.7309

■ 174.4360, 5.2081,
-37.2164

■ 132.6880, 15.9298,
-116.3674

■ 180.7580, 3.5703,
-25.2208

■ 186.7810, 2.0800,
-13.8399

■ 192.6900, 0.1528,
-2.3591

■ 199.0120, -1.4849,
9.6365

■ 205.0350, -2.9753,
21.0173

■ 211.3570, -4.6130,
33.0129

Harmonies

Analogous

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



164.1850, -10.9372, -38.7502



156.0680, 9.8265, -71.9736



147.6960, 30.7159, -98.8344

Triad

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



156.0680, 9.8265, -71.9736



178.5360, 27.3438, 3.0379



175.5930, -29.3793, 43.3299

Complementary

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



156.0680, 9.8265, -71.9736



111.9320, -9.8265, 71.9736

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.



177.4710, -17.4872, 55.7149



156.0680, 9.8265, -71.9736



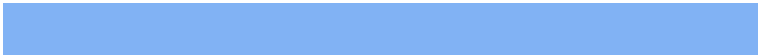
180.5910, 14.0056, 34.5617

Square

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



156.0680, 9.8265, -71.9736



170.8730, 36.0516, -36.7226



179.1730, -2.0573, 53.3453



173.1250, -33.0926, 20.9384

Rectangle

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



156.0680, 9.8265, -71.9736



152.7710, 37.0879, -89.2532



179.1730, -2.0573, 53.3453



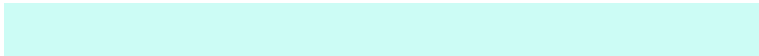
176.1360, -26.1960, 48.9927

Sweetspot

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



156.0680, 9.8265, -71.9736



236.8500, 4.0180, -28.8094



149.8220, -37.3802, -50.7099



118.4600, 2.2382, -17.9434



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.



156.0680, 9.8265, -71.9736



193.1940, 15.1874, -111.5491



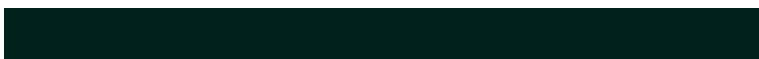
133.4660, 29.8433, -52.1517



93.7820, 0.6005, -5.9478



110.1250, 13.2494, -96.5796



22.5630, 2.6804, -19.7878

Inverse Universe

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



111.9320, -9.8265, 71.9736



124.8060, -15.1874, 111.5491



134.5340, -29.8433, 52.1517



90.2180, -0.6005, 5.9478



50.8750, -13.2494, 96.5796



10.4370, -2.6804, 19.7878

Previews

White Background



This preview shows how the YUV color 156.0680, 9.8265, -71.9736 looks on a white background.

Color Contrast Check

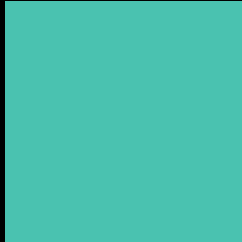
Large Text (above 18pt) WCAG AA × Fail

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 156.0680, 9.8265, -71.9736 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

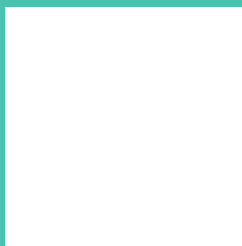
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 156.0680, 9.8265, -71.9736

Background



This preview shows how black text looks on a background with the YUV color 156.0680, 9.8265, -71.9736.



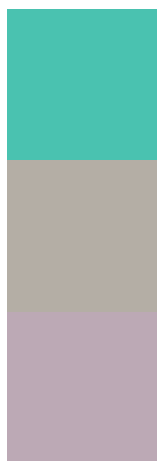
This preview shows how white text looks on a background with the YUV color 156.0680, 9.8265, -71.9736.

-71.9736.

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

156.0680, 9.8265, -71.9736

Protanopia

174.7680, -4.8156, 4.5885

Deuteranopia

176.0490, 2.4408, 10.4810



Tritanopia

160.6140, 21.8823, -65.4365

Trichromacy



Original Color

156.0680, 9.8265, -71.9736

Protanomaly

167.6720, 0.6547, -23.3913

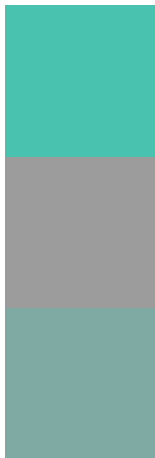
Deuteranomaly

168.8450, 5.0064, -19.1581

Tritanomaly

158.7510, 17.3778, -67.3106

Monochromacy



Original Color

156.0680, 9.8265, -71.9736

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.0460, 3.4283, -26.3503

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.0680, 9.8265, -71.9736 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(74, 194, 176)` looks like.

```
.text, #text, p{  
    color:rgb(74, 194, 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(74, 194, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 194, 176) }
```

Border

The CSS property to change the border of an element to YUV 156.0680, 9.8265, -71.9736 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(74, 194, 176) }
```


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

```
.border{ border-color:rgb(74, 194, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 194, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 194, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 194, 176);  
box-shadow:4px 4px 4px 4px rgb(74, 194,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 156.0680, 9.8265, -71.9736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 194, 176) }
```

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

```
.background{ background-color: rgb(74, 194,  
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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