

Converting Colors

YUV(159.5690, 16.4815,
-106.6160)

Have a look what the booklet for
YUV(159.5690, 16.4815, -106.6160)
contains.

YUV(159.5690, 16.4815, -106.6160)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(159.5690, 16.4815,
-106.6160)**

Conversions

Conversions Part 1

Format	Color
Hex	26D7C1
RGB	38, 215, 193
RGB Percent	15%, 84%, 76%
CMY	0.8510, 0.1569, 0.2431
CMYK	0.82, 0.00, 0.10, 0.16
HSL	173°, 70%, 50%
HSV	173°, 82%, 84%
XYZ	34.7254, 52.8632, 58.8255
YIQ	159.5690, -98.4300, -44.3660

Conversions

Conversions Part 2

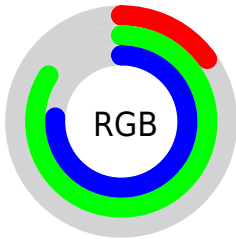
Format	Color
RYB	38, 132, 215
Decimal	2545601
CIELab	77.79, -46.84, -1.18
CIELCh	78, 46.857, 181.440
Yxy	52.8632, 0.2372, 0.3611
Android (android.graphics.Color)	4280735681 (0xFF26D7C1)
YUV	159.5690, 16.4815, -106.6160
Hunter-Lab	72.7071, -41.9846, 2.9249

Details

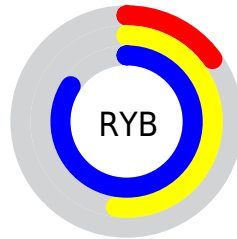
The YUV color **159.5690, 16.4815, -106.6160** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **93.4310, -16.4815, 106.6160**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.0540, 17.7214, -84.2394**, and **109.2930, 15.1386, -95.8500** is the 20% darker color. If you saturate the color by 10%, you get **152.9480, 18.2666, -119.2264**, and if you desaturate by 10%, it is **166.4890, 14.5489, -93.3909**.

Distribution



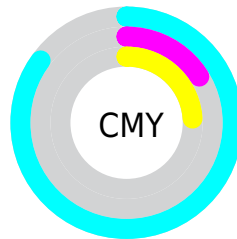
- Red (15%)
- Green (84%)
- Blue (76%)



- Red (15%)
- Yellow (52%)
- Blue (84%)



- Cyan (82%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)



- Cyan (85%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.5690, 16.4815, -106.6160 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 159.5690, 16.4815, -106.6160 by changing the saturation by 10% instead.

159.5690, 16.4815,
-106.6160

159.5690, 16.4815,
-106.6160

255.0000, 0.0000,
0.0000

128.6930, 18.3924,
-112.8638

213.0540, 17.7214,
-84.2394

109.2930, 15.1386,
-95.8500

223.3060, 15.6251,
-65.1664

90.4800, 11.5954,
-79.3510

232.8740, 10.9081,
-45.4935

72.4820, 8.6364,
-63.5667

242.1430, 6.3385,
-26.4354

55.0710, 5.3880,
-48.2973

251.4120, 1.7689,
-7.3773

38.4750, 2.7238,
-33.7426

23.2810, 0.3545,

-20.4174

■ 0.0000, 0.0000,
0.0000

■ 159.5690, 16.4815,
-106.6160

■ 159.5690, 16.4815,
-106.6160

■ 152.9480, 18.2666,
-119.2264

■ 166.4890, 14.5489,
-93.3909

■ 147.6370, 19.8990,
-129.4776

■ 172.9960, 12.3270,
-80.6805

■ 179.9160, 10.3944,
-67.4553

■ 186.5370, 8.6093,
-54.8449

■ 193.3430, 6.2399,
-41.5198

■ 199.9640, 4.4547,
-28.9094

■ 206.8840, 2.5222,
-15.6843

■ 213.3910, 0.3002,
-2.9739

■ 220.3110, -1.6323,
10.2513

Harmonies

Analogous

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



176.4240, -13.5200, -50.3608



159.5690, 16.4815, -106.6160



152.5220, 41.1547, -133.7618

Triad

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



159.5690, 16.4815, -106.6160



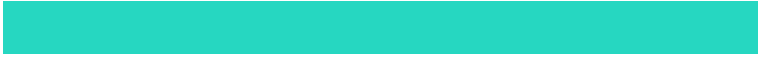
194.2310, 29.9591, 4.1824



191.7100, -36.8320, 53.7513

Complementary

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



159.5690, 16.4815, -106.6160



93.4310, -16.4815, 106.6160

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.



188.3250, -19.3872, 58.4740



159.5690, 16.4815, -106.6160



197.7970, 18.3411, 44.0280

Square

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



159.5690, 16.4815, -106.6160



182.3940, 35.7948, -47.7035



190.2920, 0.8420, 56.7489



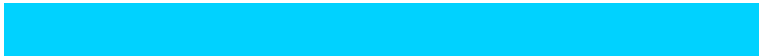
188.5680, -41.6920, 25.8119

Rectangle

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



159.5690, 16.4815, -106.6160



152.3400, 50.6114, -133.6022



190.2920, 0.8420, 56.7489



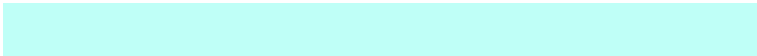
190.3990, -31.7487, 56.6551

Sweetspot

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



159.5690, 16.4815, -106.6160



234.9520, 5.9397, -38.5459



149.0750, -54.7600, -76.3648



115.7690, 3.5649, -23.4764



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.



159.5690, 16.4815, -106.6160



176.1180, 23.6058, -151.8245



123.9220, 44.9015, -75.3536



103.5970, 1.1847, -6.6626



117.4770, 16.0338, -103.0273



29.5730, 4.1545, -25.9355

Inverse Universe

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



93.4310, -16.4815, 106.6160



81.8820, -23.6058, 151.8245



129.0780, -44.9015, 75.3536



99.5170, -0.7479, 6.5626



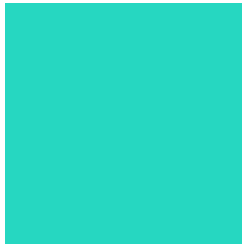
53.5230, -16.0338, 103.0273



13.4270, -4.1545, 25.9355

Previews

White Background



This preview shows how the YUV color 159.5690, 16.4815, -106.6160 looks on a white background.

Color Contrast Check

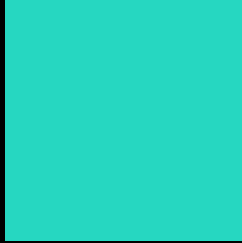
Large Text (above 18pt) WCAG AA × Fail

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 159.5690, 16.4815, -106.6160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

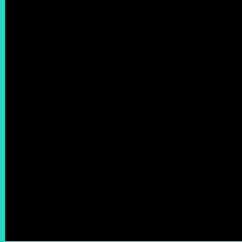
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

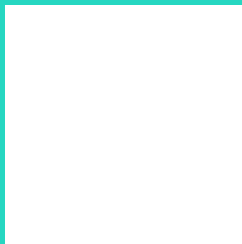
Any Text WCAG AAA ✓ Pass

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

YUV 159.5690, 16.4815, -106.6160 Background



This preview shows how black text looks on a background with the YUV color 159.5690, 16.4815, -106.6160.



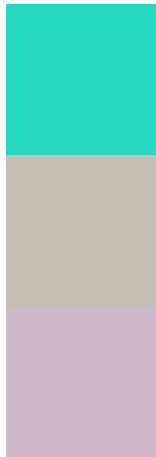
This preview shows how white text looks on a background with the YUV color 159.5690, 16.4815, -106.6160.

-106.6160.

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

159.5690, 16.4815, -106.6160

Protanopia

190.8390, -5.8366, 5.4032

Deuteranopia

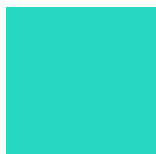
192.6900, 3.6038, 10.7959



Tritanopia

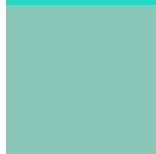
168.5830, 28.7996, -90.8423

Trichromacy



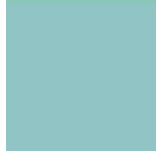
Original Color

159.5690, 16.4815, -106.6160



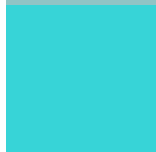
Protanomaly

179.3500, 2.2925, -35.3869



Deuteranomaly

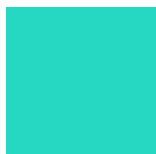
180.5660, 8.1020, -32.0684



Tritanomaly

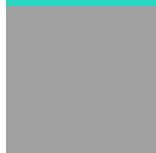
165.3990, 24.4533, -96.8199

Monochromacy



Original Color

159.5690, 16.4815, -106.6160



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

159.9520, 5.9397, -38.5459

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.5690, 16.4815, -106.6160 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(38, 215, 193)` looks like.

```
.text, #text, p{  
    color:rgb(38, 215, 193)  
}
```

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(38, 215, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 215, 193) }
```

Border

The CSS property to change the border of an element to YUV 159.5690, 16.4815, -106.6160 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(38, 215, 193) }
```


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

```
.border{ border-color:rgb(38, 215, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 215, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 215, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 215, 193);  
box-shadow:4px 4px 4px 4px rgb(38, 215,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 159.5690, 16.4815, -106.6160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 215, 193) }
```

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

```
.background{ background-color: rgb(38, 215,  
193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor