

Converting Colors

YUV(159.8600, 15.3520,
-70.9142)

Have a look what the booklet for
YUV(159.8600, 15.3520, -70.9142)
contains.

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Color

**YUV(159.8600, 15.3520,
-70.9142)**

Conversions

Conversions Part 1

Format	Color
Hex	4FC3BF
RGB	79, 195, 191
RGB Percent	31%, 76%, 75%
CMY	0.6902, 0.2353, 0.2510
CMYK	0.59, 0.00, 0.02, 0.24
HSL	178°, 49%, 54%
HSV	178°, 59%, 76%
XYZ	32.1435, 44.4541, 56.1766
YIQ	159.8600, -67.8520, -25.8360

Conversions

Conversions Part 2

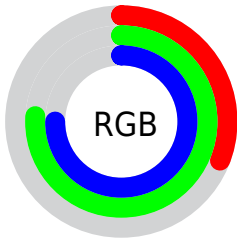
Format	Color
RYB	79, 138, 195
Decimal	5227455
CIELab	72.53, -33.24, -7.77
CIELCh	73, 34.140, 193.154
Yxy	44.4541, 0.2421, 0.3348
Android (android.graphics.Color)	4283417535 (0xFF4FC3BF)
YUV	159.8600, 15.3520, -70.9142
Hunter-Lab	66.6739, -30.6243, -3.2835

Details

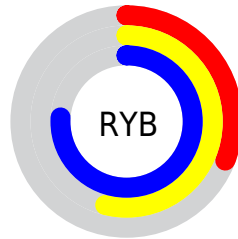
The YUV color **159.8600, 15.3520, -70.9142** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **114.1400, -15.3520, 70.9142**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.9420, 14.3256, -68.3551**, and **98.4990, 19.4740, -86.3836** is the 20% darker color. If you saturate the color by 10%, you get **154.0650, 17.7160, -82.4950**, and if you desaturate by 10%, it is **165.6550, 12.9881, -59.3334**.

Distribution



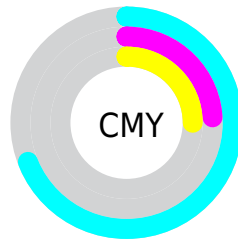
- Red (31%)
- Green (76%)
- Blue (75%)



- Red (31%)
- Yellow (54%)
- Blue (76%)



- Cyan (59%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (69%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.8600, 15.3520, -70.9142 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 159.8600, 15.3520, -70.9142 by changing the saturation by 10% instead.

■ 159.8600, 15.3520,
-70.9142

■ 159.8600, 15.3520,
-70.9142

255.0000, 0.0000,
0.0000

■ 130.4680, 16.5313,
-75.8324

■ 217.9420, 14.3256,
-68.3551

■ 98.4990, 19.4740,
-86.3836

■ 229.2860, 12.6770,
-52.8708

■ 80.2730, 15.6414,
-70.3994

■ 238.2560, 8.2548,
-34.4275

■ 62.8620, 12.3930,
-55.1300

■ 247.2260, 3.8326,
-15.9842

■ 46.1520, 9.2921,
-40.4753

■ 30.1430, 6.3385,
-26.4354

■ 12.6010, 5.1267,

-11.0511

■ 0.0000, 0.0000,
0.0000

■ 159.8600, 15.3520,
-70.9142

■ 159.8600, 15.3520,
-70.9142

■ 154.0650, 17.7160,
-82.4950

■ 165.6550, 12.9881,
-59.3334

■ 148.0850, 20.6641,
-94.7905

■ 171.6350, 10.0399,
-47.0379

■ 141.9910, 23.1754,
-106.9861

■ 177.4300, 7.6760,
-35.4571

■ 136.1960, 25.5394,
-118.5669

■ 183.5240, 5.1647,
-23.2615

■ 135.8970, 25.6868,
-119.1817

■ 189.5040, 2.2165,
-10.9660

■ 195.2990, -0.1474,
0.6148

■ 201.3930, -2.6587,
12.8103

■ 207.0740, -5.4595,
24.4911

■ 213.1680, -7.9708,
36.6867

Harmonies

Analogous

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



165.7910, -3.3480, -46.2977



159.8600, 15.3520, -70.9142



159.8990, 29.6298, -77.0874

Triad

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



159.8600, 15.3520, -70.9142



181.8920, 20.7592, 15.0037



177.6410, -28.9100, 32.7638

Complementary

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



159.8600, 15.3520, -70.9142



114.1400, -15.3520, 70.9142

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.



179.5040, -20.9545, 47.7930



159.8600, 15.3520, -70.9142



182.2020, 7.2954, 40.1648

Square

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



159.8600, 15.3520, -70.9142



177.3870, 29.8822, -17.8794



180.9680, -7.8722, 51.7711



174.6120, -28.4027, 9.9873

Rectangle

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



159.8600, 15.3520, -70.9142



165.3120, 33.3702, -63.4176



180.9680, -7.8722, 51.7711



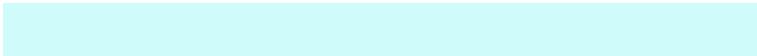
178.1410, -27.1845, 39.3413

Sweetspot

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



159.8600, 15.3520, -70.9142



238.4310, 6.1965, -27.5650



148.8860, -34.4538, -56.0280



119.2150, 3.8380, -17.7286



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.



159.8600, 15.3520, -70.9142



197.7950, 23.7651, -109.4452



129.7920, 32.1475, -44.5446



94.0100, 1.4741, -6.1478



112.1770, 21.1117, -98.3792



23.0190, 4.4276, -20.1877

Inverse Universe

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



114.1400, -15.3520, 70.9142



127.2050, -23.7651, 109.4452



144.2080, -32.1475, 44.5446



90.1040, -1.0373, 6.0478



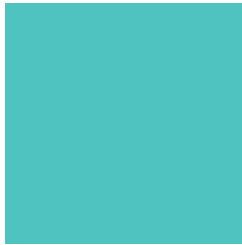
48.8230, -21.1117, 98.3792



9.9810, -4.4276, 20.1877

Previews

White Background



This preview shows how the YUV color 159.8600, 15.3520, -70.9142 looks on a white background.

Color Contrast Check

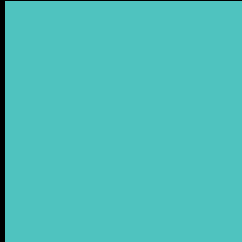
Large Text (above 18pt) WCAG AA × Fail

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 159.8600, 15.3520, -70.9142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

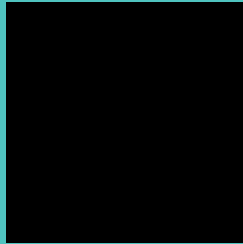
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

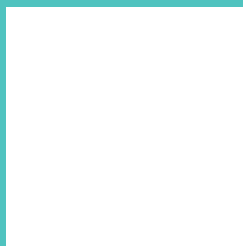
Any Text WCAG AAA ✓ Pass

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

YUV 159.8600, 15.3520, -70.9142 Background



This preview shows how black text looks on a background with the YUV color 159.8600, 15.3520, -70.9142.

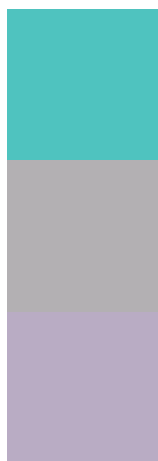


This preview shows how white text looks on a background with the YUV color 159.8600, 15.3520, -70.9142.

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

159.8600, 15.3520, -70.9142

Protanopia

177.2390, 0.8682, 1.5444

Deuteranopia

178.6230, 8.5669, 5.5926



Tritanopia

162.1300, 22.6139, -66.7660

Trichromacy



Original Color

159.8600, 15.3520, -70.9142

Protanomaly

171.0400, 5.8963, -24.5911

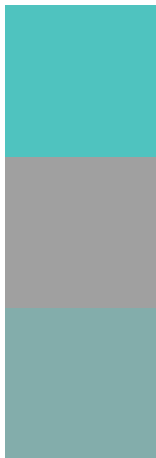
Deuteranomaly

171.4300, 11.1270, -22.3021

Tritanomaly

161.1360, 20.1460, -68.5253

Monochromacy



Original Color

159.8600, 15.3520, -70.9142

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.2140, 5.3175, -25.6207

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.8600, 15.3520, -70.9142 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(79, 195, 191)` looks like.

```
.text, #text, p{  
    color:rgb(79, 195, 191)  
}
```

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(79, 195, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 195, 191) }
```

Border

The CSS property to change the border of an element to YUV 159.8600, 15.3520, -70.9142 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(79, 195, 191) }
```


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

```
.border{ border-color:rgb(79, 195, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 195, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 195, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 195, 191);  
box-shadow:4px 4px 4px 4px rgb(79, 195,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 159.8600, 15.3520, -70.9142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 195, 191) }
```

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

```
.background{ background-color: rgb(79, 195,  
191) }
```

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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