

Converting Colors

YUV(159.2390, 20.5882,
-70.3696)

Have a look what the booklet for
YUV(159.2390, 20.5882, -70.3696)
contains.

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Color

**YUV(159.2390, 20.5882,
-70.3696)**

Conversions

Conversions Part 1

Format	Color
Hex	4FC0C9
RGB	79, 192, 201
RGB Percent	31%, 75%, 79%
CMY	0.6902, 0.2471, 0.2118
CMYK	0.61, 0.04, 0.00, 0.21
HSL	184°, 53%, 55%
HSV	184°, 61%, 79%
XYZ	32.6167, 43.5786, 61.9508
YIQ	159.2390, -70.2370, -21.1570

Conversions

Conversions Part 2

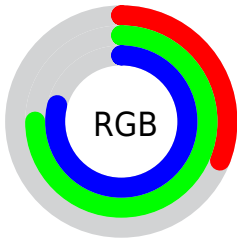
Format	Color
RYB	79, 138, 201
Decimal	5226697
CIELab	71.95, -29.02, -14.10
CIElCh	72, 32.264, 205.906
Yxy	43.5786, 0.2361, 0.3155
Android (android.graphics.Color)	4283416777 (0xFF4FC0C9)
YUV	159.2390, 20.5882, -70.3696
Hunter-Lab	66.0141, -27.3301, -9.4307

Details

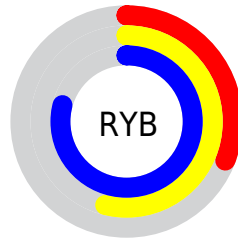
The YUV color **159.2390, 20.5882, -70.3696** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **120.7610, -20.5882, 70.3696**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.0930, 18.6882, -67.6106**, and **97.7640, 24.2733, -85.7390** is the 20% darker color. If you saturate the color by 10%, you get **152.6720, 23.8257, -82.1503**, and if you desaturate by 10%, it is **165.8060, 17.3506, -58.5889**.

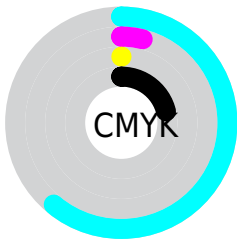
Distribution



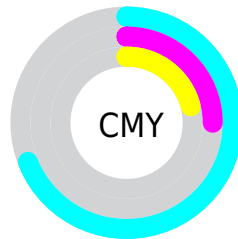
- Red (31%)
- Green (75%)
- Blue (79%)



- Red (31%)
- Yellow (54%)
- Blue (79%)



- Cyan (61%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)



- Cyan (69%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.2390, 20.5882, -70.3696 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 159.2390, 20.5882, -70.3696 by changing the saturation by 10% instead.

■ 159.2390, 20.5882,
-70.3696

■ 159.2390, 20.5882,
-70.3696

■ 255.0000, 0.0000,
0.0000

■ 129.5480, 21.9148,
-75.9026

■ 217.0930, 18.6882,
-67.6106

■ 97.7640, 24.2733,
-85.7390

■ 229.5850, 12.5296,
-52.2560

■ 79.5380, 20.4408,
-69.7548

■ 238.2560, 8.2548,
-34.4275

■ 62.1270, 17.1924,
-54.4854

■ 247.5250, 3.6852,
-15.3694

■ 45.8900, 13.3652,
-40.2455

■ 29.7670, 9.9749,
-26.1057

■ 11.6380, 9.0525,

-10.2065

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 159.2390, 20.5882,
-70.3696

■ 159.2390, 20.5882,
-70.3696

■ 152.6720, 23.8257,
-82.1503

■ 165.8060, 17.3506,
-58.5889

■ 145.5180, 27.3526,
-93.4163

■ 172.9600, 13.8237,
-47.3229

■ 138.9510, 30.5902,
-105.1970

■ 179.5270, 10.5862,
-35.5422

■ 132.0960, 33.9697,
-115.8482

■ 186.6810, 7.0593,
-24.2762

■ 193.5470, 3.6743,
-11.8807

■ 200.7010, 0.1474,
-0.6148

■ 207.2680, -3.0901,
11.1660

■ 214.4220, -6.6170,
22.4319

■ 219.4940, -9.1175,
31.1388

Harmonies

Analogous

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



162.6960, 4.0939, -53.2304



159.2390, 20.5882, -70.3696



163.1010, 30.0232, -63.2326

Triad

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



159.2390, 20.5882, -70.3696



180.6500, 14.4696, 25.7400



175.1020, -28.1513, 22.7125

Complementary

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



159.2390, 20.5882, -70.3696



120.7610, -20.5882, 70.3696

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.



177.0640, -23.6956, 40.2859



159.2390, 20.5882, -70.3696



180.8020, 0.5906, 44.0236

Square

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



159.2390, 20.5882, -70.3696



178.2210, 25.0340, -2.8248



179.1650, -13.3923, 48.9673



171.6860, -24.0022, -1.4786

Rectangle

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



159.2390, 20.5882, -70.3696



168.6670, 31.7162, -46.1890



179.1650, -13.3923, 48.9673



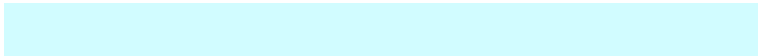
175.9610, -27.5888, 28.9752

Sweetspot

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



159.2390, 20.5882, -70.3696



239.4850, 7.6489, -26.7353



151.5260, -31.8113, -63.6053



117.5680, 5.1430, -16.2841



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.



159.2390, 20.5882, -70.3696



191.1680, 31.4692, -107.1413



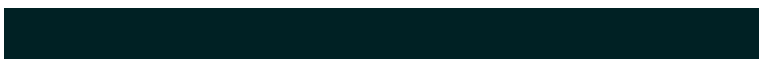
124.0190, 37.9516, -39.4817



96.3090, 1.3267, -5.5330



107.2190, 27.5000, -94.0311



23.4750, 6.1748, -20.5876

Inverse Universe

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



128.3600, 31.3745, 63.7053



144.2220, 47.7116, 97.1523



155.9810, -37.9516, 39.4817



93.7170, 2.6045, 4.6332



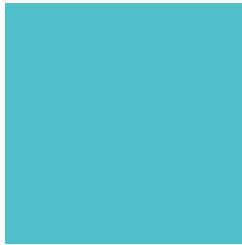
65.9510, 41.9292, 85.1120



14.5260, 9.1077, 18.8327

Previews

White Background



This preview shows how the YUV color 159.2390, 20.5882, -70.3696 looks on a white background.

Color Contrast Check

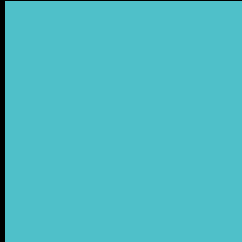
Large Text (above 18pt) WCAG AA × Fail

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 159.2390, 20.5882, -70.3696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

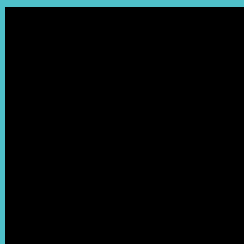
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

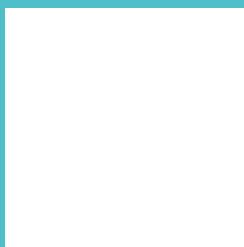
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 159.2390, 20.5882, -70.3696

Background



This preview shows how black text looks on a background with the YUV color 159.2390, 20.5882, -70.3696.

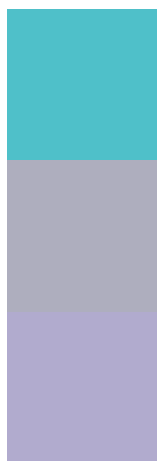


This preview shows how white text looks on a background with the YUV color 159.2390, 20.5882, -70.3696.

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

159.2390, 20.5882, -70.3696

Protanopia

175.8240, 6.9888, -1.5996

Deuteranopia

176.7840, 14.4035, 0.1894



Tritanopia

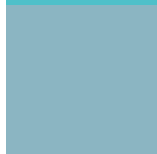
160.2330, 23.0561, -68.6103

Trichromacy



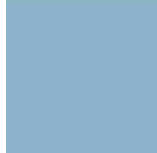
Original Color

159.2390, 20.5882, -70.3696



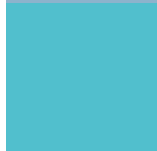
Protanomaly

169.9240, 11.8695, -27.1203



Deuteranomaly

170.4880, 16.5214, -25.8610



Tritanomaly

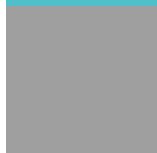
159.7060, 22.3299, -69.0252

Monochromacy



Original Color

159.2390, 20.5882, -70.3696



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

159.0830, 7.3541, -25.5058

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.2390, 20.5882, -70.3696 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, 192, 201)` looks like.

```
.text, #text, p{  
    color:rgb(79, 192, 201)  
}
```

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, 192, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 192, 201) }
```

Border

The CSS property to change the border of an element to YUV 159.2390, 20.5882, -70.3696 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, 192, 201) }
```


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

```
.border{ border-color:rgb(79, 192, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 192, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 192, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 192, 201);  
box-shadow:4px 4px 4px 4px rgb(79, 192,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 159.2390, 20.5882, -70.3696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 192, 201) }
```

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

```
.background{ background-color: rgb(79, 192,  
201) }
```

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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