

Converting Colors

YUV(161.7290, 17.3886,
-70.7993)

Have a look what the booklet for
YUV(161.7290, 17.3886, -70.7993)
contains.

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Color

**YUV(161.7290, 17.3886,
-70.7993)**

Conversions

Conversions Part 1

Format	Color
Hex	51C4C5
RGB	81, 196, 197
RGB Percent	32%, 77%, 77%
CMY	0.6824, 0.2314, 0.2275
CMYK	0.59, 0.01, 0.00, 0.23
HSL	181°, 50%, 55%
HSV	181°, 59%, 77%
XYZ	33.2113, 45.2604, 59.8090
YIQ	161.7290, -68.8610, -24.0690

Conversions

Conversions Part 2

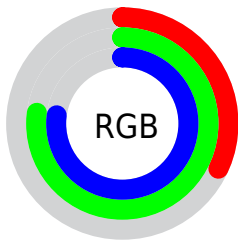
Format	Color
RYB	81, 139, 197
Decimal	5358789
CIELab	73.06, -31.72, -10.24
CIElCh	73, 33.333, 197.886
Yxy	45.2604, 0.2402, 0.3273
Android (android.graphics.Color)	4283548869 (0xFF51C4C5)
YUV	161.7290, 17.3886, -70.7993
Hunter-Lab	67.2759, -29.6147, -5.6164

Details

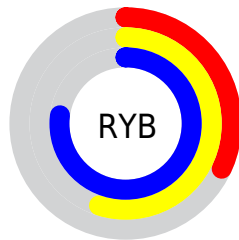
The YUV color **161.7290, 17.3886, -70.7993** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **116.2710, -17.3886, 70.7993**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.9250, 16.7990, -68.3402**, and **99.6560, 21.3686, -87.3983** is the 20% darker color. If you saturate the color by 10%, you get **155.7490, 20.3367, -83.0949**, and if you desaturate by 10%, it is **167.7090, 14.4405, -58.5038**.

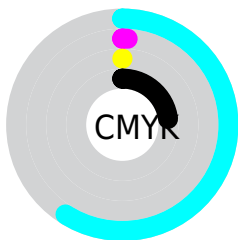
Distribution



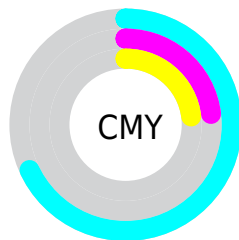
- Red (32%)
- Green (77%)
- Blue (77%)



- Red (32%)
- Yellow (55%)
- Blue (77%)



- Cyan (59%)
- Magenta (1%)
- Yellow (0%)
- Black (23%)



- Cyan (68%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.7290, 17.3886, -70.7993 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 161.7290, 17.3886, -70.7993 by changing the saturation by 10% instead.

161.7290, 17.3886,
-70.7993

161.7290, 17.3886,
-70.7993

255.0000, 0.0000,
0.0000

132.3370, 18.5679,
-75.7175

219.9250, 16.7990,
-68.3402

99.6560, 21.3686,
-87.3983

229.8840, 12.3822,
-51.6413

81.5440, 17.9728,
-71.5141

238.8540, 7.9600,
-33.1980

64.0190, 14.2876,
-56.1447

247.8240, 3.5378,
-14.7546

47.3090, 11.1867,
-41.4900

31.1860, 7.7963,
-27.3501

14.8180, 6.0057,

-12.9954

■ 0.0000, 0.0000,
0.0000

■ 161.7290, 17.3886,
-70.7993

■ 161.7290, 17.3886,
-70.7993

■ 155.7490, 20.3367,
-83.0949

■ 167.7090, 14.4405,
-58.5038

■ 150.0680, 23.1375,
-94.7756

■ 173.3900, 11.6397,
-46.8230

■ 143.5010, 26.3750,
-106.5564

■ 179.9570, 8.4022,
-35.0423

■ 137.5210, 29.3231,
-118.8519

■ 185.9370, 5.4541,
-22.7467

■ 136.9230, 29.6180,
-120.0815

■ 191.9170, 2.5059,
-10.4512

■ 197.5980, -0.2948,
1.2296

■ 203.5780, -3.2430,
13.5251

■ 209.5580, -6.1911,
25.8206

■ 214.9290, -8.8390,
35.1423

Harmonies

Analogous

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



166.5780, -0.2850, -48.7419



161.7290, 17.3886, -70.7993



163.3450, 29.9029, -71.3396

Triad

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



161.7290, 17.3886, -70.7993



183.6430, 18.4170, 19.6071



178.6190, -28.8992, 29.2751

Complementary

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



161.7290, 17.3886, -70.7993



116.2710, -17.3886, 70.7993

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.



180.7380, -22.5488, 45.8338



161.7290, 17.3886, -70.7993



184.1160, 4.3798, 41.9943

Square

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



161.7290, 17.3886, -70.7993



179.9640, 28.1187, -12.2464



182.3870, -10.0508, 50.5266



175.6330, -26.9341, 5.5839

Rectangle

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



161.7290, 17.3886, -70.7993



169.1280, 32.4749, -56.2403



182.3870, -10.0508, 50.5266



179.5920, -27.8999, 35.4378

Sweetspot

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



161.7290, 17.3886, -70.7993



241.2460, 6.7807, -28.2797



149.0920, -33.5694, -59.7167



118.7420, 4.5642, -17.3137



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.



161.7290, 17.3886, -70.7993



199.7070, 27.2594, -110.2450



128.2700, 33.8839, -41.4558



96.3090, 1.3267, -5.5330



113.6760, 24.3167, -99.6939



24.6490, 5.5960, -21.6172

Inverse Universe

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



128.7940, 33.1326, 59.8167



148.5250, 51.5062, 93.3786



149.7300, -33.8839, 41.4558



93.7170, 2.6045, 4.6332



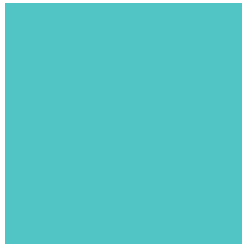
67.2050, 46.7339, 84.0122



14.7540, 9.9813, 18.6327

Previews

White Background



This preview shows how the YUV color 161.7290, 17.3886, -70.7993 looks on a white background.

Color Contrast Check

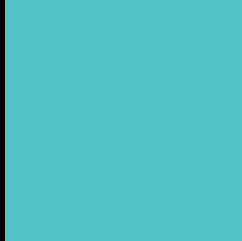
Large Text (above 18pt) WCAG AA × Fail

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 161.7290, 17.3886, -70.7993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

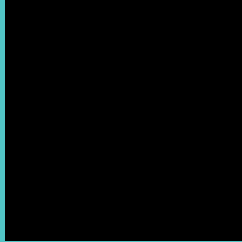
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

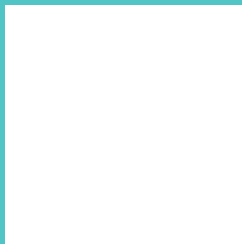
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 161.7290, 17.3886, -70.7993

Background



This preview shows how black text looks on a background with the YUV color 161.7290, 17.3886, -70.7993.



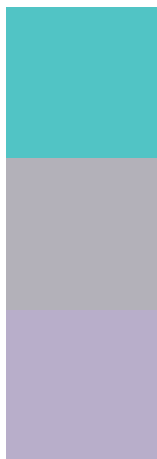
This preview shows how white text looks on a background with the YUV color 161.7290, 17.3886, -70.7993.

-70.7993.

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

161.7290, 17.3886, -70.7993

Protanopia

178.5100, 3.1996, 0.4297

Deuteranopia

180.1820, 10.7563, 3.3484



Tritanopia

163.5320, 22.9087, -67.9956

Trichromacy



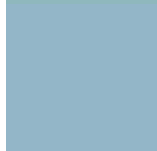
Original Color

161.7290, 17.3886, -70.7993



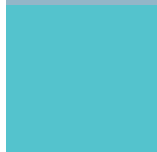
Protanomaly

172.3110, 8.2277, -25.7057



Deuteranomaly

173.5870, 13.0216, -23.3168



Tritanomaly

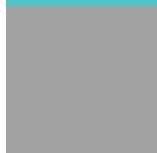
162.9510, 20.7302, -69.2400

Monochromacy



Original Color

161.7290, 17.3886, -70.7993



Achromatopsia

162.0000, 0.0000, 0.0000



Achromatomaly

161.8550, 6.4805, -25.3058

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.7290, 17.3886, -70.7993 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(81, 196, 197)` looks like.

```
.text, #text, p{  
    color:rgb(81, 196, 197)  
}
```

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(81, 196, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 196, 197) }
```

Border

The CSS property to change the border of an element to YUV 161.7290, 17.3886, -70.7993 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(81, 196, 197) }
```


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

```
.border{ border-color:rgb(81, 196, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 196, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 196, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 196, 197);  
box-shadow:4px 4px 4px 4px rgb(81, 196,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 161.7290, 17.3886, -70.7993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 196, 197) }
```

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

```
.background{ background-color: rgb(81, 196,  
197) }
```

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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