

Converting Colors

YUV(157.0890, 11.2951,
-76.3771)

Have a look what the booklet for
YUV(157.0890, 11.2951, -76.3771)
contains.

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Color

**YUV(157.0890, 11.2951,
-76.3771)**

Conversions

Conversions Part 1

Format	Color
Hex	46C5B4
RGB	70, 197, 180
RGB Percent	27%, 77%, 71%
CMY	0.7255, 0.2275, 0.2941
CMYK	0.64, 0.00, 0.09, 0.23
HSL	172°, 52%, 52%
HSV	172°, 64%, 77%
XYZ	30.7303, 44.5299, 50.1555
YIQ	157.0890, -70.2350, -32.2110

Conversions

Conversions Part 2

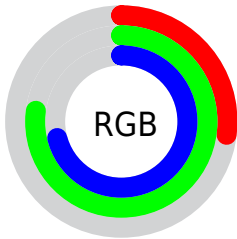
Format	Color
RYB	70, 138, 197
Decimal	4638132
CIELab	72.58, -38.64, -1.73
CIELCh	73, 38.682, 182.569
Yxy	44.5299, 0.2450, 0.3551
Android (android.graphics.Color)	4282828212 (0xFF46C5B4)
YUV	157.0890, 11.2951, -76.3771
Hunter-Lab	66.7307, -34.5775, 2.1485

Details

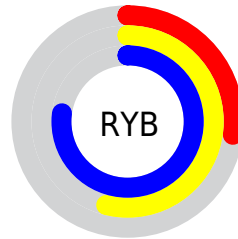
The YUV color **157.0890, 11.2951, -76.3771** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **109.9110, -11.2951, 76.3771**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.4700, 10.1213, -73.2032**, and **97.8320, 14.3798, -85.7987** is the 20% darker color. If you saturate the color by 10%, you get **150.7670, 12.9329, -88.3727**, and if you desaturate by 10%, it is **163.4110, 9.6574, -64.3814**.

Distribution



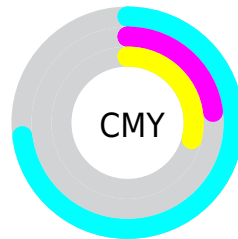
- Red (27%)
- Green (77%)
- Blue (71%)



- Red (27%)
- Yellow (54%)
- Blue (77%)



- Cyan (64%)
- Magenta (0%)
- Yellow (9%)
- Black (23%)



- Cyan (73%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.0890, 11.2951, -76.3771 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 157.0890, 11.2951, -76.3771 by changing the saturation by 10% instead.

■ 157.0890, 11.2951,
-76.3771

■ 157.0890, 11.2951,
-76.3771

■ 255.0000, 0.0000,
0.0000

■ 125.3160, 13.6482,
-84.4691

■ 215.4700, 10.1213,
-73.2032

■ 97.8320, 14.3798,
-85.7987

■ 227.1930, 13.7089,
-57.1743

■ 79.7200, 10.9840,
-69.9144

■ 236.1630, 9.2866,
-38.7310

■ 62.3090, 7.7357,
-54.6450

■ 245.1330, 4.8644,
-20.2876

■ 45.7130, 5.0715,
-40.0903

■ 254.1030, 0.4422,
-1.8443

■ 29.7040, 2.1179,
-26.0504

■ 11.4610, 0.7587,

-10.0513

■ 0.0000, 0.0000,
0.0000

■ 157.0890, 11.2951,
-76.3771

■ 157.0890, 11.2951,
-76.3771

■ 150.7670, 12.9329,
-88.3727

■ 163.4110, 9.6574,
-64.3814

■ 144.8580, 14.8600,
-99.8535

■ 169.3200, 7.7302,
-52.9006

■ 138.5360, 16.4978,
-111.8491

■ 175.6420, 6.0925,
-40.9050

■ 135.1330, 17.6824,
-118.5116

■ 181.9640, 4.4547,
-28.9094

■ 188.1720, 2.3802,
-16.8138

■ 194.1950, 0.8899,
-5.4330

■ 200.4030, -1.1847,
6.6626

■ 206.7250, -2.8224,
18.6582

■ 212.7480, -4.3128,
30.0390

Harmonies

Analogous

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



165.5760, -10.6370, -41.7242



157.0890, 11.2951, -76.3771



147.3360, 33.3584, -106.4117

Triad

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



157.0890, 11.2951, -76.3771



181.3620, 27.9225, 4.0675



178.2510, -30.6897, 43.6299

Complementary

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



157.0890, 11.2951, -76.3771



109.9110, -11.2951, 76.3771

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.



179.8410, -18.6556, 57.1444



157.0890, 11.2951, -76.3771



182.9010, 13.8528, 36.9208

Square

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



157.0890, 11.2951, -76.3771



173.4000, 36.7778, -36.3078



181.3690, -2.6469, 55.8044



175.2990, -33.6714, 19.9088

Rectangle

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



157.0890, 11.2951, -76.3771



154.2050, 38.8459, -93.1418



181.3690, -2.6469, 55.8044



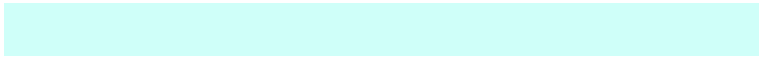
178.7940, -27.5064, 49.2927

Sweetspot

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



157.0890, 11.2951, -76.3771



239.9640, 4.4547, -28.9094



150.2300, -39.5534, -53.6987



118.5740, 2.6750, -18.0434



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.



157.0890, 11.2951, -76.3771



193.4320, 17.5350, -117.8969



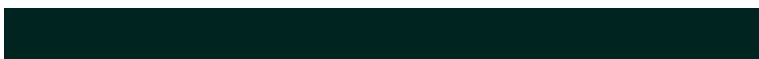
133.1990, 31.4539, -55.4255



96.1950, 0.8899, -5.4330



111.7550, 14.4178, -98.0091



24.6660, 3.1227, -21.6321

Inverse Universe

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



109.9110, -11.2951, 76.3771



120.5680, -17.5350, 117.8969



133.8010, -31.4539, 55.4255



92.8050, -0.8899, 5.4330



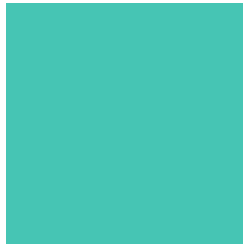
51.2450, -14.4178, 98.0091



11.3340, -3.1227, 21.6321

Previews

White Background



This preview shows how the YUV color 157.0890, 11.2951, -76.3771 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 157.0890, 11.2951, -76.3771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

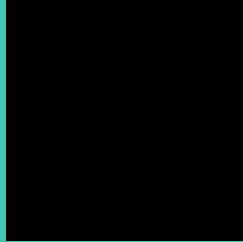
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

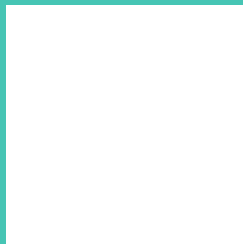
Any Text WCAG AAA ✓ Pass

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

YUV 157.0890, 11.2951, -76.3771 Background



This preview shows how black text looks on a background with the YUV color 157.0890, 11.2951, -76.3771.



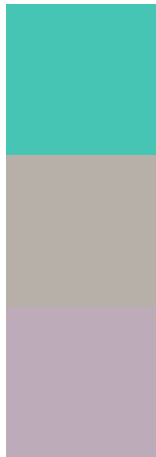
This preview shows how white text looks on a background with the YUV color 157.0890, 11.2951, -76.3771.

-76.3771.

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

157.0890, 11.2951, -76.3771

Protanopia

176.8820, -4.3788, 4.4885

Deuteranopia

178.3910, 3.7512, 10.1811



Tritanopia

161.8200, 22.7667, -69.1251

Trichromacy



Original Color

157.0890, 11.2951, -76.3771



Protanomaly

169.7750, 1.0969, -25.2357



Deuteranomaly

170.2900, 6.7590, -21.3023



Tritanomaly

159.7720, 18.8464, -71.7140

Monochromacy



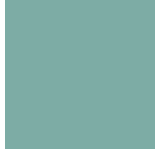
Original Color

157.0890, 11.2951, -76.3771



Achromatopsia

157.0000, 0.0000, 0.0000



Achromatomaly

157.1490, 3.8705, -28.1947

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.0890, 11.2951, -76.3771 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(70, 197, 180)` looks like.

```
.text, #text, p{  
    color:rgb(70, 197, 180)  
}
```

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(70, 197, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 197, 180) }
```

Border

The CSS property to change the border of an element to YUV 157.0890, 11.2951, -76.3771 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(70, 197, 180) }
```


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

```
.border{ border-color:rgb(70, 197, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 197, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 197, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 197, 180);  
box-shadow:4px 4px 4px 4px rgb(70, 197,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 157.0890, 11.2951, -76.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 197, 180) }
```

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

```
.background{ background-color: rgb(70, 197,  
180) }
```

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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