

Converting Colors

YUV(153.8700, 13.3751,
-90.2170)

Have a look what the booklet for
YUV(153.8700, 13.3751, -90.2170)
contains.

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Color

**YUV(153.8700, 13.3751,
-90.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	33C9B5
RGB	51, 201, 181
RGB Percent	20%, 79%, 71%
CMY	0.8000, 0.2118, 0.2902
CMYK	0.75, 0.00, 0.10, 0.21
HSL	172°, 60%, 49%
HSV	172°, 75%, 79%
XYZ	30.5924, 45.8133, 50.9465
YIQ	153.8700, -82.9800, -38.0200

Conversions

Conversions Part 2

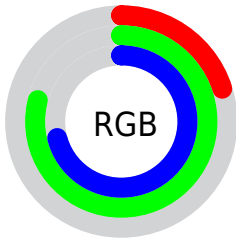
Format	Color
RYB	51, 131, 201
Decimal	3393973
CIELab	73.42, -42.79, -1.09
CIELCh	73, 42.804, 181.457
Yxy	45.8133, 0.2402, 0.3597
Android (android.graphics.Color)	4281584053 (0xFF33C9B5)
YUV	153.8700, 13.3751, -90.2170
Hunter-Lab	67.6855, -37.7716, 2.7526

Details

The YUV color **153.8700, 13.3751, -90.2170** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **98.1300, -13.3751, 90.2170**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8820, 11.8902, -80.5805**, and **100.2940, 13.6591, -87.9578** is the 20% darker color. If you saturate the color by 10%, you get **147.5480, 15.0128, -102.2126**, and if you desaturate by 10%, it is **160.1920, 11.7373, -78.2214**.

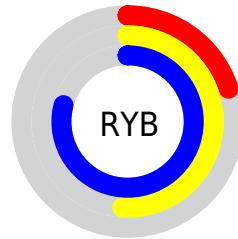
Distribution



Red (20%)

Green (79%)

Blue (71%)



Red (20%)

Yellow (51%)

Blue (79%)

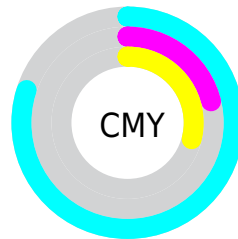


Cyan (75%)

Magenta (0%)

Yellow (10%)

Black (21%)



Cyan (80%)

Magenta (21%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.8700, 13.3751, -90.2170 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 153.8700, 13.3751, -90.2170 by changing the saturation by 10% instead.

■ 153.8700, 13.3751,
-90.2170

■ 153.8700, 13.3751,
-90.2170

■ 255.0000, 0.0000,
0.0000

■ 119.1070, 17.2022,
-104.4568

■ 212.8820, 11.8902,
-80.5805

■ 100.2940, 13.6591,
-87.9578

■ 223.9040, 15.3303,
-63.9368

■ 82.1820, 10.2633,
-72.0736

■ 233.1730, 10.7607,
-44.8787

■ 64.1840, 7.3043,
-56.2894

■ 242.1430, 6.3385,
-26.4354

■ 47.0010, 4.9295,
-41.2199

■ 251.4120, 1.7689,
-7.3773

■ 30.9920, 1.9759,
-27.1800

■ 13.9230, 0.0380,

-12.2105

■ 0.0000, 0.0000,
0.0000

■ 153.8700, 13.3751,
-90.2170

■ 153.8700, 13.3751,
-90.2170

■ 147.5480, 15.0128,
-102.2126

■ 160.1920, 11.7373,
-78.2214

■ 141.3400, 17.0874,
-114.3082

■ 166.4000, 9.6628,
-66.1258

■ 137.8230, 17.8353,
-120.8708

■ 172.7220, 8.0251,
-54.1302

■ 179.0440, 6.3873,
-42.1346

■ 185.5510, 4.1654,
-29.4242

■ 191.8730, 2.5276,
-17.4286

■ 198.1950, 0.8899,
-5.4330

■ 204.4030, -1.1847,
6.6626

■ 210.7250, -2.8224,
18.6582

Harmonies

Analogous

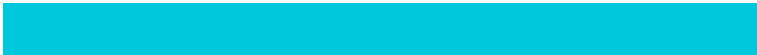
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



166.6850, -12.6627, -45.3277



153.8700, 13.3751, -90.2170



142.4800, 38.2174, -124.9550

Triad

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



153.8700, 13.3751, -90.2170



183.2740, 31.4169, 3.2677



180.1870, -33.6162, 48.9480

Complementary

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



153.8700, 13.3751, -90.2170



98.1300, -13.3751, 90.2170

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.



181.8310, -20.1297, 63.2922



153.8700, 13.3751, -90.2170



185.6070, 16.4627, 39.8097

Square

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



153.8700, 13.3751, -90.2170



174.1540, 39.8571, -43.9851



183.9290, -1.9370, 61.4523



177.5830, -37.7554, 23.1677

Rectangle

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



153.8700, 13.3751, -90.2170



143.1130, 48.2583, -125.5101



183.9290, -1.9370, 61.4523



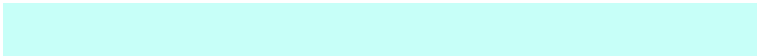
180.5560, -29.8541, 55.6404

Sweetspot

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



153.8700, 13.3751, -90.2170



237.4580, 5.1972, -33.7277



145.0300, -46.3568, -64.9243



117.2640, 2.8278, -20.4025



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.



153.8700, 13.3751, -90.2170



182.6960, 20.3629, -138.2994



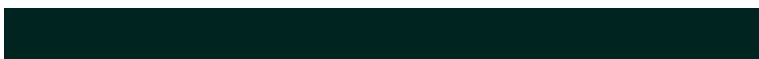
123.8650, 38.0276, -63.9026



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.



98.1300, -13.3751, 90.2170



97.3040, -20.3629, 138.2994



128.1350, -38.0276, 63.9026



92.8050, -0.8899, 5.4330



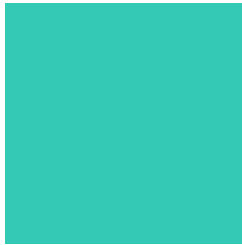
51.2450, -14.4178, 98.0091



11.3340, -3.1227, 21.6321

Previews

White Background



This preview shows how the YUV color 153.8700, 13.3751, -90.2170 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 153.8700, 13.3751, -90.2170 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

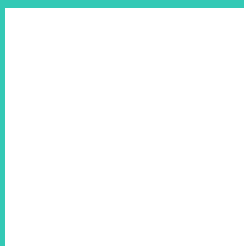
Any Text WCAG AAA ✓ Pass

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

YUV 153.8700, 13.3751, -90.2170 Background



This preview shows how black text looks on a background with the YUV color 153.8700, 13.3751, -90.2170.



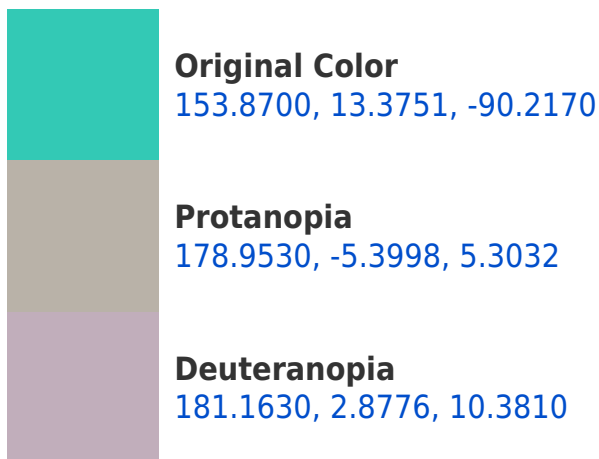
This preview shows how white text looks on a background with the YUV color 153.8700, 13.3751, -90.2170.

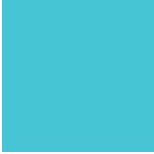
-90.2170.

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

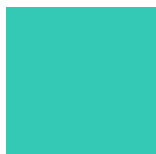




Tritanopia

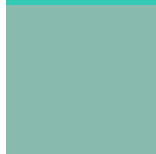
160.1500, 25.5620, -79.0616

Trichromacy



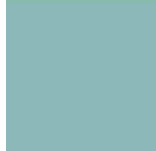
Original Color

153.8700, 13.3751, -90.2170



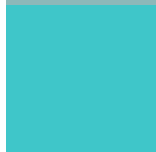
Protanomaly

169.5680, 1.6920, -29.4391



Deuteranomaly

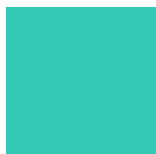
171.2570, 6.7753, -26.5354



Tritanomaly

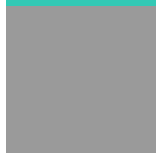
157.9770, 21.2103, -83.2948

Monochromacy



Original Color

153.8700, 13.3751, -90.2170



Achromatopsia

154.0000, 0.0000, 0.0000



Achromatomaly

154.0560, 4.9024, -32.4981

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.8700, 13.3751, -90.2170 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(51, 201, 181)` looks like.

```
.text, #text, p{  
    color:rgb(51, 201, 181)  
}
```

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(51, 201, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 201, 181) }
```

Border

The CSS property to change the border of an element to YUV 153.8700, 13.3751, -90.2170 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(51, 201, 181) }
```


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

```
.border{ border-color:rgb(51, 201, 181) }
```

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

Here you see how a box with a 4 pixel rgb(51, 201, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 201, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 201, 181);  
box-shadow:4px 4px 4px 4px rgb(51, 201,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 153.8700, 13.3751, -90.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 201, 181) }
```

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

```
.background{ background-color: rgb(51, 201,  
181) }
```

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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