

Converting Colors

YUV(173.8900, 5.9702,
-141.9775)

Have a look what the booklet for
YUV(173.8900, 5.9702, -141.9775)
contains.

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Color

**YUV(173.8900, 5.9702,
-141.9775)**

Conversions

Conversions Part 1

Format	Color
Hex	0CFEBA
RGB	12, 254, 186
RGB Percent	5%, 100%, 73%
CMY	0.9529, 0.0039, 0.2706
CMYK	0.95, 0.00, 0.27, 0.00
HSL	163°, 99%, 52%
HSV	163°, 95%, 100%
XYZ	44.4564, 74.5070, 58.4926
YIQ	173.8900, -122.4040, -72.4520

Conversions

Conversions Part 2

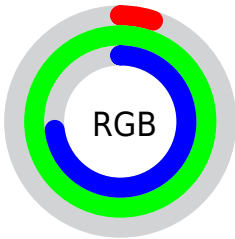
Format	Color
R _Y B	12, 153, 254
Decimal	851642
CIE Lab	89.16, -65.16, 18.73
CIE LCh	89, 67.799, 163.963
Yxy	74.5070, 0.2505, 0.4199
Android (android.graphics.Color)	4279041722 (0xFF0CFEBA)
YUV	173.8900, 5.9702, -141.9775
Hunter-Lab	86.3174, -59.1220, 20.2446

Details

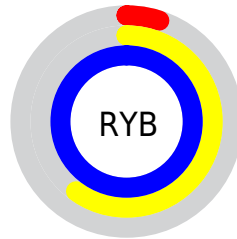
The YUV color **173.8900, 5.9702, -141.9775** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **92.1100, -5.9702, 141.9775**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2560, 14.6638, -83.5395**, and **130.2140, 1.3735, -114.1977** is the 20% darker color. If you saturate the color by 10%, you get **169.9600, 6.4287, -149.0549**, and if you desaturate by 10%, it is **182.1630, 5.3426, -127.3080**.

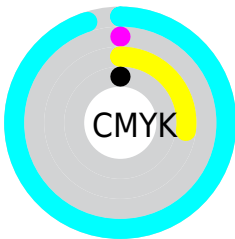
Distribution



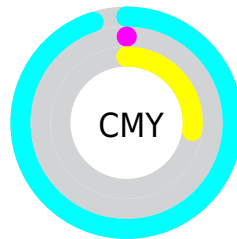
- Red (5%)
- Green (100%)
- Blue (73%)



- Red (5%)
- Yellow (60%)
- Blue (100%)



- Cyan (95%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (95%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.8900, 5.9702, -141.9775 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 173.8900, 5.9702, -141.9775 by changing the saturation by 10% instead.

173.8900, 5.9702,
-141.9775

173.8900, 5.9702,
-141.9775

255.0000, 0.0000,
0.0000

150.2010, 4.3379,
-131.7263

212.2560, 14.6638,
-83.5395

130.2140, 1.3735,
-114.1977

224.2030, 15.1829,
-63.3220

110.8140, -1.8803,
-97.1839

234.0700, 10.3185,
-43.0344

91.6420, -4.2605,
-80.3700

243.6380, 5.6015,
-23.3615

73.0570, -6.9301,
-64.0710

253.2060, 0.8844,
-3.6887

55.2870, -9.0155,
-48.4867

38.2180, -10.9535,

-33.5172

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,
0.0000

■ 173.8900, 5.9702,
-141.9775

■ 173.8900, 5.9702,
-141.9775

■ 169.9600, 6.4287,
-149.0549

■ 182.1630, 5.3426,
-127.3080

■ 190.7350, 4.5676,
-112.0236

■ 199.0080, 3.9401,
-97.3540

■ 207.6940, 3.6019,
-82.1696

■ 215.9670, 2.9743,
-67.5001

■ 224.2400, 2.3467,
-52.8305

■ 232.8120, 1.5717,
-37.5461

■ 241.0850, 0.9441,
-22.8765

■ 249.6570, 0.1691,
-7.5922

Harmonies

Analogous

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



205.8340, -38.8652, -41.0734



173.8900, 5.9702, -141.9775



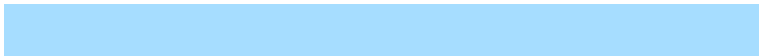
178.5270, 36.7152, -156.5682

Triad

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



173.8900, 5.9702, -141.9775



208.4310, 22.9585, -37.2120



199.8710, -30.9954, 48.3481

Complementary

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



173.8900, 5.9702, -141.9775



92.1100, -5.9702, 141.9775

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.



197.2050, -0.5941, 50.6862



173.8900, 5.9702, -141.9775



219.7800, 17.3635, 30.8879

Square

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



173.8900, 5.9702, -141.9775



170.5370, 41.6403, -149.5609



206.8660, 23.7301, 42.2135



209.2850, -55.8495, 40.0921

Rectangle

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



173.8900, 5.9702, -141.9775



178.7550, 37.5888, -156.7681



206.8660, 23.7301, 42.2135



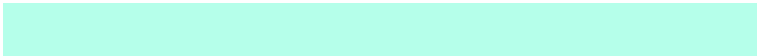
197.8140, -21.1073, 50.1521

Sweetspot

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



173.8900, 5.9702, -141.9775



230.4800, 1.7354, -43.3940



174.6850, -80.2037, -82.1617



113.0630, 0.9549, -26.3653



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.



173.8900, 5.9702, -141.9775



170.5470, 6.1393, -149.5697



151.1180, 50.7208, -122.0065



123.6570, 0.1691, -7.5922



127.8490, 5.0044, -112.1236



42.8120, 1.5717, -37.5461

Inverse Universe

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



92.1100, -5.9702, 141.9775



84.4530, -6.1393, 149.5697



114.8820, -50.7208, 122.0065



119.2290, -0.6059, 7.6922



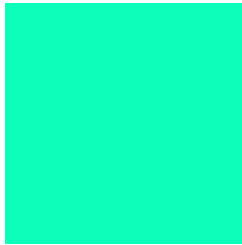
63.2650, -4.5676, 112.0236



21.1880, -1.5717, 37.5461

Previews

White Background



This preview shows how the YUV color 173.8900, 5.9702, -141.9775 looks on a white background.

Color Contrast Check

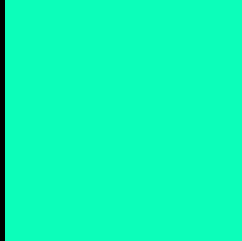
Large Text (above 18pt) WCAG AA × Fail

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 173.8900, 5.9702, -141.9775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

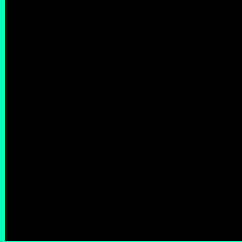
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.8900, 5.9702, -141.9775

Background



This preview shows how black text looks on a background with the YUV color 173.8900, 5.9702, -141.9775.

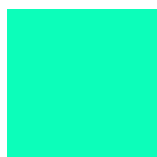


This preview shows how white text looks on a background with the YUV color 173.8900, 5.9702, -141.9775.

Color Blindness Simulation

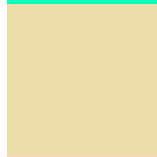
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



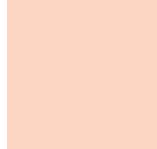
Original Color

173.8900, 5.9702, -141.9775



Protanopia

220.0840, -24.1984, 14.8353



Deuteranopia

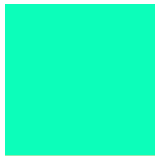
223.4950, -14.0480, 25.8759



Tritanopia

208.5320, 22.9087, -67.9956

Trichromacy



Original Color

173.8900, 5.9702, -141.9775



Protanomaly

203.1800, -13.3997, -42.2539



Deuteranomaly

205.6460, -6.7275, -35.6465



Tritanomaly

195.7600, 16.8803, -94.5055

Monochromacy



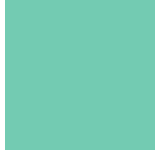
Original Color

173.8900, 5.9702, -141.9775



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.8380, 2.0519, -51.6009

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.8900, 5.9702, -141.9775 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(12, 254, 186)` looks like.

```
.text, #text, p{  
    color:rgb(12, 254, 186)  
}
```

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(12, 254, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 254, 186) }
```

Border

The CSS property to change the border of an element to YUV 173.8900, 5.9702, -141.9775 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(12, 254, 186) }
```


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

```
.border{ border-color:rgb(12, 254, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 254, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 254, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 254, 186);  
box-shadow:4px 4px 4px 4px rgb(12, 254,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 173.8900, 5.9702, -141.9775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 254, 186) }
```

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

```
.background{ background-color: rgb(12, 254,  
186) }
```

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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