

Converting Colors

YUV(171.6870, 10.5073,
-150.5695)

Have a look what the booklet for
YUV(171.6870, 10.5073, -150.5695)
contains.

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Color

**YUV(171.6870, 10.5073,
-150.5695)**

Conversions

Conversions Part 1

Format	Color
Hex	00FFC1
RGB	0, 255, 193
RGB Percent	0%, 100%, 76%
CMY	1.0000, 0.0000, 0.2431
CMYK	1.00, 0.00, 0.24, 0.00
HSL	165°, 100%, 50%
HSV	165°, 100%, 100%
XYZ	45.3856, 75.3703, 62.6079
YIQ	171.6870, -132.0780, -73.3420

Conversions

Conversions Part 2

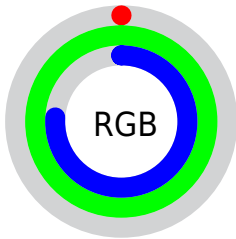
Format	Color
RYB	0, 145, 255
Decimal	65473
CIELab	89.57, -64.22, 15.70
CIELCh	90, 66.110, 166.262
Yxy	75.3703, 0.2475, 0.4110
Android (android.graphics.Color)	4278255553 (0xFF00FC1)
YUV	171.6870, 10.5073, -150.5695
Hunter-Lab	86.8160, -58.6120, 18.0139

Details

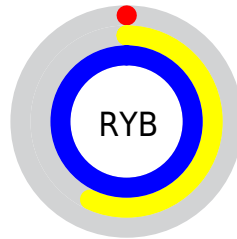
The YUV color **171.6870, 10.5073, -150.5695** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light saturated cyan. A complement of this color would be **83.3130, -10.5073, 150.5695**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8690, 18.3056, -84.9541**, and **131.4850, 3.7049, -115.3123** is the 20% darker color. If you saturate the color by 10%, you get **171.6870, 10.5073, -150.5695**, and if you desaturate by 10%, it is **179.8460, 9.4429, -135.7999**.

Distribution



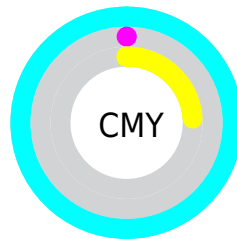
- Red (0%)
- Green (100%)
- Blue (76%)



- Red (0%)
- Yellow (57%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.6870, 10.5073, -150.5695 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 171.6870, 10.5073, -150.5695 by changing the saturation by 10% instead.

■ 171.6870, 10.5073,
-150.5695

■ 171.6870, 10.5073,
-150.5695

■ 255.0000, 0.0000,
0.0000

■ 151.5860, 7.1061,
-132.9409

■ 212.8690, 18.3056,
-84.9541

■ 131.4850, 3.7049,
-115.3123

■ 223.9040, 15.3303,
-63.9368

■ 112.1990, 0.8879,
-98.3985

■ 233.7710, 10.4659,
-43.6492

■ 92.9130, -1.9291,
-81.4847

■ 243.6380, 5.6015,
-23.3615

■ 74.4420, -4.1619,
-65.2856

■ 253.2060, 0.8844,
-3.6887

■ 56.5580, -6.6841,
-49.6014

■ 39.4890, -8.6221,

-34.6319

■ 22.8930, -11.2862,
-20.0772

■ 0.0000, 0.0000,
0.0000

■ 171.6870, 10.5073,
-150.5695

■ 179.8460, 9.4429,
-135.7999

■ 188.3040, 8.2311,
-120.4156

■ 196.8760, 7.4561,
-105.1313

■ 205.0350, 6.3917,
-90.3617

■ 213.4930, 5.1800,
-74.9774

■ 221.6520, 4.1156,
-60.2078

■ 230.1100, 2.9038,
-44.8235

■ 238.3830, 2.2762,
-30.1539

■ 246.8410, 1.0644,
-14.7696

Harmonies

Analogous

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



206.9090, -35.9441, -44.6472



171.6870, 10.5073, -150.5695



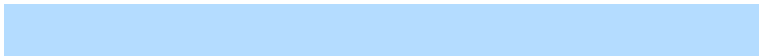
178.7550, 37.5888, -156.7681

Triad

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



171.6870, 10.5073, -150.5695



212.0300, 21.1842, -28.0903



202.1050, -32.5898, 46.3889

Complementary

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



171.6870, 10.5073, -150.5695



83.3130, -10.5073, 150.5695

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.



199.2110, -3.0620, 48.9270



171.6870, 10.5073, -150.5695



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.



171.6870, 10.5073, -150.5695



169.9500, 41.9297, -149.0461



208.0400, 23.1513, 41.1839



211.3880, -55.4073, 38.2477

Rectangle

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



171.6870, 10.5073, -150.5695



178.7550, 37.5888, -156.7681



208.0400, 23.1513, 41.1839



200.0480, -22.7017, 48.1929

Sweetspot

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



171.6870, 10.5073, -150.5695



230.1100, 2.9038, -44.8235



168.8210, -83.2288, -91.9280



112.8780, 1.5391, -27.0800



0.0000, 0.0000, 0.0000



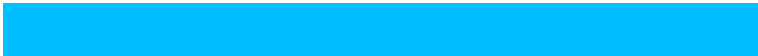
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



171.6870, 10.5073, -150.5695



141.1870, 56.1098, -123.8210



123.6570, 0.1691, -7.5922



128.6470, 8.0620, -112.8234



43.0400, 2.4453, -37.7461

Inverse Universe

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



83.3130, -10.5073, 150.5695



113.8130, -56.1098, 123.8210



119.2290, -0.6059, 7.6922



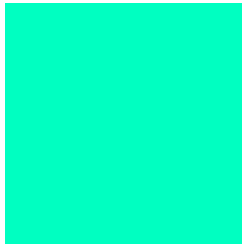
62.4670, -7.6252, 112.7234



20.9600, -2.4453, 37.7461

Previews

White Background



This preview shows how the YUV color 171.6870, 10.5073, -150.5695 looks on a white background.

Color Contrast Check

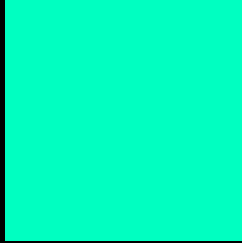
Large Text (above 18pt) WCAG AA × Fail

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 171.6870, 10.5073, -150.5695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

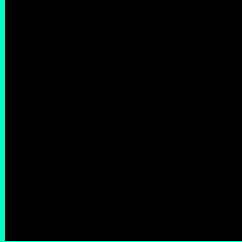
Any Text WCAG AA ✓ Pass

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 171.6870, 10.5073, -150.5695 Background



This preview shows how black text looks on a background with the YUV color 171.6870, 10.5073, -150.5695.



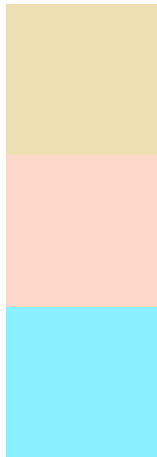
This preview shows how white text looks on a background with the YUV color 171.6870, 10.5073, -150.5695.

-150.5695.

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



Protanopia

221.9420, -22.1564, 13.2059

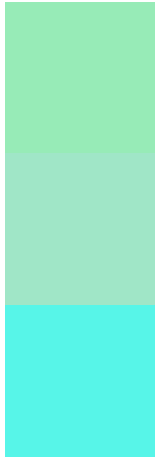
Deuteranopia

224.5810, -11.1324, 24.0465

Tritanopia

210.9130, 21.7349, -64.8217

Trichromacy



Protanomaly

203.9560, -10.3313, -46.4424

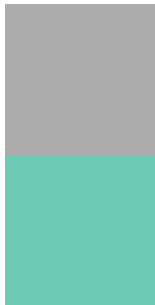
Deuteranomaly

205.5360, -3.2222, -39.9351

Tritanomaly

196.2760, 17.6119, -95.8351

Monochromacy



Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.6850, 4.0993, -54.9747

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.6870, 10.5073, -150.5695 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(0, 255, 193)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 193)  
}
```

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(0, 255, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 193) }
```

Border

The CSS property to change the border of an element to YUV 171.6870, 10.5073, -150.5695 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(0, 255, 193) }
```

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

```
.border{ border-color:rgb(0, 255, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 255, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 193);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 171.6870, 10.5073, -150.5695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 193) }
```

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

```
.background{ background-color: rgb(0, 255,  
193) }
```

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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