

Converting Colors

YUV(173.8220, 15.8638,
-141.9179)

Have a look what the booklet for
YUV(173.8220, 15.8638, -141.9179)
contains.

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Color

**YUV(173.8220, 15.8638,
-141.9179)**

Conversions

Conversions Part 1

Format	Color
Hex	0CFACE
RGB	12, 250, 206
RGB Percent	5%, 98%, 81%
CMY	0.9529, 0.0196, 0.1922
CMYK	0.95, 0.00, 0.18, 0.02
HSL	169°, 96%, 51%
HSV	169°, 95%, 98%
XYZ	45.4778, 72.9056, 70.0678
YIQ	173.8220, -127.7240, -64.1400

Conversions

Conversions Part 2

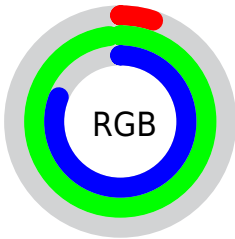
Format	Color
RYB	12, 143, 250
Decimal	850638
CIELab	88.40, -58.94, 7.33
CIELCh	88, 59.394, 172.906
Yxy	72.9056, 0.2413, 0.3869
Android (android.graphics.Color)	4279040718 (0xFF0CFACE)
YUV	173.8220, 15.8638, -141.9179
Hunter-Lab	85.3848, -54.3504, 11.1153

Details

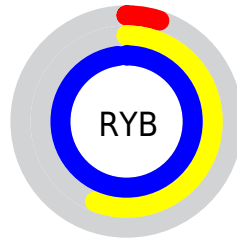
The YUV color **173.8220, 15.8638, -141.9179** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **88.1780, -15.8638, 141.9179**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.0370, 20.1948, -84.2244**, and **130.0320, 10.8302, -114.0381** is the 20% darker color. If you saturate the color by 10%, you get **170.0060, 16.7590, -149.0953**, and if you desaturate by 10%, it is **181.8670, 14.3626, -127.0484**.

Distribution



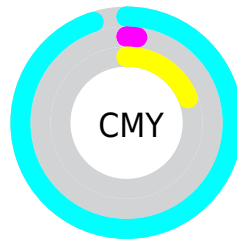
- Red (5%)
- Green (98%)
- Blue (81%)



- Red (5%)
- Yellow (56%)
- Blue (98%)



- Cyan (95%)
- Magenta (0%)
- Yellow (18%)
- Black (2%)



- Cyan (95%)
- Magenta (2%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.8220, 15.8638, -141.9179 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 173.8220, 15.8638, -141.9179 by changing the saturation by 10% instead.

173.8220, 15.8638,
-141.9179

173.8220, 15.8638,
-141.9179

255.0000, 0.0000,
0.0000

150.1330, 14.2314,
-131.6666

214.0370, 20.1948,
-84.2244

130.0320, 10.8302,
-114.0381

224.2030, 15.1829,
-63.3220

110.6320, 7.5764,
-97.0243

234.0700, 10.3185,
-43.0344

91.9330, 4.4700,
-80.6252

243.6380, 5.6015,
-23.3615

73.3480, 1.8004,
-64.3262

253.5050, 0.7370,
-3.0739

56.0510, -1.0111,
-49.1567

38.9820, -2.9491,

-34.1872

■ 22.3860, -5.6133,
-19.6325

■ 0.0000, 0.0000,
0.0000

■ 173.8220, 15.8638,
-141.9179

■ 173.8220, 15.8638,
-141.9179

■ 170.0060, 16.7590,
-149.0953

■ 181.8670, 14.3626,
-127.0484

■ 189.7980, 12.4246,
-112.0788

■ 197.8430, 10.9234,
-97.2093

■ 205.7740, 8.9854,
-82.2398

■ 213.8190, 7.4842,
-67.3703

■ 221.8640, 5.9830,
-52.5007

■ 229.7950, 4.0451,
-37.5312

■ 237.8400, 2.5439,
-22.6617

■ 245.8850, 1.0427,
-7.7921

Harmonies

Analogous

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



203.7970, -26.0289, -51.5650



173.8220, 15.8638, -141.9179



175.8200, 39.0357, -154.1941

Triad

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



173.8220, 15.8638, -141.9179



214.8090, 19.8142, -8.6025



204.6980, -35.3471, 44.1149

Complementary

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



173.8220, 15.8638, -141.9179



88.1780, -15.8638, 141.9179

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.



200.7780, -9.7506, 47.5527



173.8220, 15.8638, -141.9179



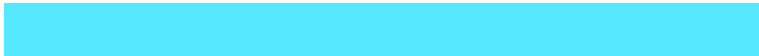
216.8450, 18.8104, 33.4619

Square

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



173.8220, 15.8638, -141.9179



190.6690, 31.7152, -92.6717



206.6890, 15.4363, 42.3687



214.0610, -52.7811, 35.9035

Rectangle

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



173.8220, 15.8638, -141.9179



174.0590, 39.9039, -152.6497



206.6890, 15.4363, 42.3687



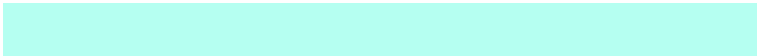
202.7720, -27.4956, 45.8040

Sweetspot

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



173.8220, 15.8638, -141.9179



231.2780, 4.7929, -44.0938



166.0580, -75.9506, -93.0129



113.5190, 2.7021, -26.7652



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.



173.8220, 15.8638, -141.9179



173.3970, 17.0593, -152.0692



137.1610, 55.6296, -109.7662



120.8850, 1.0427, -7.7921



128.4990, 12.5720, -112.6936



41.5070, 4.1870, -36.4016

Inverse Universe

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



88.1780, -15.8638, 141.9179



81.6030, -17.0593, 152.0692



124.8390, -55.6296, 109.7662



116.2290, -0.6059, 7.6922



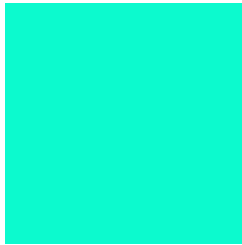
60.5010, -12.5720, 112.6936



19.4930, -4.1870, 36.4016

Previews

White Background



This preview shows how the YUV color 173.8220, 15.8638, -141.9179 looks on a white background.

Color Contrast Check

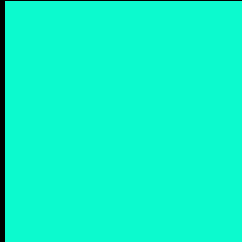
Large Text (above 18pt) WCAG AA × Fail

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 173.8220, 15.8638, -141.9179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

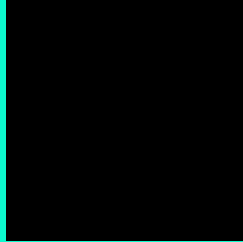
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

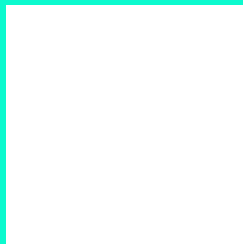
Any Text WCAG AAA ✓ Pass

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

YUV 173.8220, 15.8638, -141.9179 Background



This preview shows how black text looks on a background with the YUV color 173.8220, 15.8638, -141.9179.



This preview shows how white text looks on a background with the YUV color 173.8220, 15.8638, -141.9179.

Color Blindness Simulation

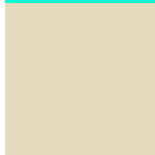
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



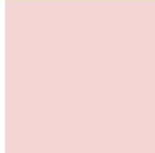
Original Color

173.8220, 15.8638, -141.9179



Protanopia

219.2820, -14.4360, 10.2767



Deuteranopia

222.0840, -3.9854, 18.3433



Tritanopia

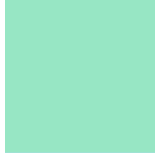
204.0580, 25.1144, -75.4729

Trichromacy



Original Color

173.8220, 15.8638, -141.9179



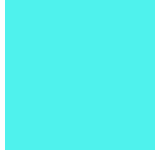
Protanomaly

202.5030, -3.2060, -45.1681



Deuteranomaly

204.2570, 3.3243, -39.6904



Tritanomaly

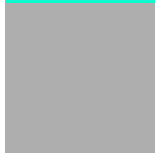
192.6930, 21.8434, -99.7088

Monochromacy



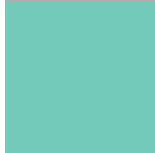
Original Color

173.8220, 15.8638, -141.9179



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

174.1630, 5.8356, -51.8860

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.8220, 15.8638, -141.9179 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, 250, 206)` looks like.

```
.text, #text, p{  
    color:rgb(12, 250, 206)  
}
```

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, 250, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 250, 206) }
```

Border

The CSS property to change the border of an element to YUV 173.8220, 15.8638, -141.9179 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, 250, 206) }
```


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

```
.border{ border-color:rgb(12, 250, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 250, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 250, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 250, 206);  
box-shadow:4px 4px 4px 4px rgb(12, 250,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 173.8220, 15.8638, -141.9179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 250, 206) }
```

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

```
.background{ background-color: rgb(12, 250,  
206) }
```

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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