

Converting Colors

YUV(173.8100, 17.3487,
-151.5544)

Have a look what the booklet for
YUV(173.8100, 17.3487, -151.5544)
contains.

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Color

**YUV(173.8100, 17.3487,
-151.5544)**

Conversions

Conversions Part 1

Format	Color
Hex	01FFD1
RGB	1, 255, 209
RGB Percent	0%, 100%, 82%
CMY	0.9961, 0.0000, 0.1804
CMYK	1.00, 0.00, 0.18, 0.00
HSL	169°, 100%, 50%
HSV	169°, 100%, 100%
XYZ	47.2811, 76.1299, 72.5242
YIQ	173.8100, -136.6180, -68.1540

Conversions

Conversions Part 2

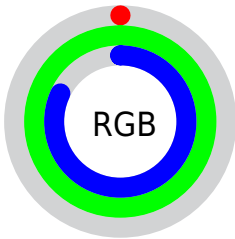
Format	Color
RYB	1, 141, 255
Decimal	131025
CIELab	89.92, -60.38, 7.96
CIELCh	90, 60.897, 172.493
Yxy	76.1299, 0.2413, 0.3885
Android (android.graphics.Color)	4278321105 (0xFF01FFD1)
YUV	173.8100, 17.3487, -151.5544
Hunter-Lab	87.2525, -55.9646, 11.7949

Details

The YUV color **173.8100, 17.3487, -151.5544** 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 **82.1900, -17.3487, 151.5544**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7380, 20.3422, -84.8392**, and **133.3090, 10.6937, -116.9120** is the 20% darker color. If you saturate the color by 10%, you get **173.5110, 17.4961, -152.1691**, and if you desaturate by 10%, it is **181.8550, 15.8475, -136.6848**.

Distribution



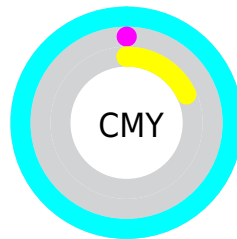
- Red (0%)
- Green (100%)
- Blue (82%)



- Red (0%)
- Yellow (55%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.8100, 17.3487, -151.5544 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 173.8100, 17.3487, -151.5544 by changing the saturation by 10% instead.

■ 173.8100, 17.3487,
-151.5544

■ 173.8100, 17.3487,
-151.5544

■ 255.0000, 0.0000,
0.0000

■ 153.2960, 13.6581,
-134.4406

■ 213.7380, 20.3422,
-84.8392

■ 133.3090, 10.6937,
-116.9120

■ 224.2030, 15.1829,
-63.3220

■ 113.9090, 7.4399,
-99.8982

■ 234.3690, 10.1711,
-42.4196

■ 94.6230, 4.6229,
-82.9844

■ 243.9370, 5.4541,
-22.7467

■ 76.6250, 1.6639,
-67.2001

■ 253.5050, 0.7370,
-3.0739

■ 58.7410, -0.8583,
-51.5159

■ 41.5580, -3.2331,

-36.4464

■ 25.0760, -5.4605,
-21.9917

■ 0.0000, 0.0000,
0.0000

■ 173.8100, 17.3487,
-151.5544

■ 173.8100, 17.3487,
-151.5544

■ 173.5110, 17.4961,
-152.1691

■ 181.8550, 15.8475,
-136.6848

■ 190.0850, 13.7621,
-121.1005

■ 198.4290, 12.1135,
-105.6162

■ 206.3600, 10.1755,
-90.6467

■ 214.7040, 8.5269,
-75.1624

■ 222.7490, 7.0257,
-60.2929

■ 230.6800, 5.0878,
-45.3234

■ 239.0240, 3.4392,
-29.8390

■ 247.3680, 1.7906,
-14.3547

Harmonies

Analogous

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



207.8570, -27.0445, -52.4946



173.8100, 17.3487, -151.5544



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.



173.8100, 17.3487, -151.5544



218.3420, 18.0724, -9.9469



207.2740, -35.6311, 41.8557

Complementary

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



173.8100, 17.3487, -151.5544



82.1900, -17.3487, 151.5544

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.



202.9950, -8.8715, 45.6084



173.8100, 17.3487, -151.5544



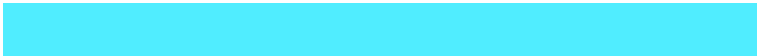
219.1930, 17.6529, 31.4027

Square

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



173.8100, 17.3487, -151.5544



192.1090, 31.0053, -98.3196



209.0200, 16.7521, 40.3245



216.5230, -53.5018, 33.7443

Rectangle

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



173.8100, 17.3487, -151.5544



176.9940, 38.4570, -155.2237



209.0200, 16.7521, 40.3245



204.8750, -27.0534, 43.9596

Sweetspot

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



173.8100, 17.3487, -151.5544



230.6800, 5.0878, -45.3234



164.1510, -80.4334, -101.8644



113.2200, 2.8495, -27.3799



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

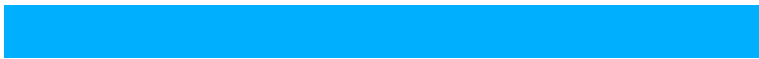
The Same Dimension uses a secret algorithm to generate beautiful new colors.



173.8100, 17.3487, -151.5544



173.5110, 17.4961, -152.1691



132.0940, 60.5927, -114.9694



123.7710, 0.6059, -7.6922



130.0150, 13.3036, -114.0232



43.4960, 4.1925, -38.1460

Inverse Universe

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



82.1900, -17.3487, 151.5544



81.4890, -17.4961, 152.1691



123.9060, -60.5927, 114.9694



119.1150, -1.0427, 7.7921



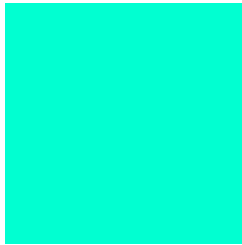
61.0990, -12.8668, 113.9232



20.5040, -4.1925, 38.1460

Previews

White Background



This preview shows how the YUV color 173.8100, 17.3487, -151.5544 looks on a white background.

Color Contrast Check

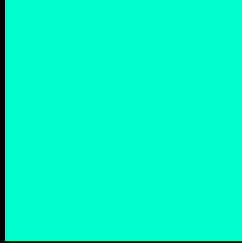
Large Text (above 18pt) WCAG AA × Fail

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 173.8100, 17.3487, -151.5544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

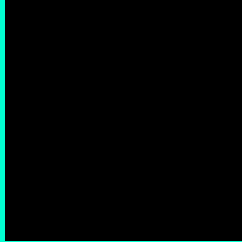
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

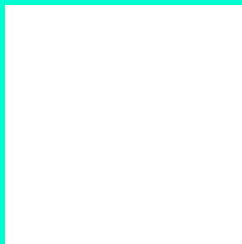
Any Text WCAG AAA ✓ Pass

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

YUV 173.8100, 17.3487, -151.5544 Background



This preview shows how black text looks on a background with the YUV color 173.8100, 17.3487, -151.5544.



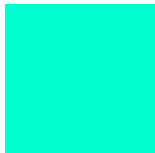
This preview shows how white text looks on a background with the YUV color 173.8100, 17.3487, -151.5544.

-151.5544.

Color Blindness Simulation

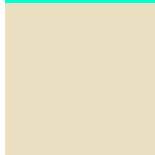
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



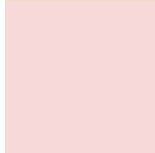
Original Color

173.8100, 17.3487, -151.5544



Protanopia

223.1680, -14.8728, 10.3767



Deuteranopia

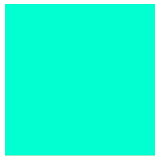
226.2690, -4.5696, 19.0581



Tritanopia

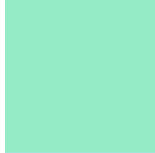
212.4080, 20.9979, -61.7478

Trichromacy



Original Color

173.8100, 17.3487, -151.5544



Protanomaly

205.4810, -3.1951, -48.6568



Deuteranomaly

207.2350, 3.3351, -43.1791



Tritanomaly

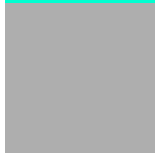
198.1560, 19.6431, -93.9758

Monochromacy



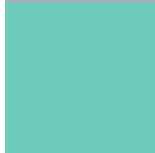
Original Color

173.8100, 17.3487, -151.5544



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.6680, 6.5727, -54.9598

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.8100, 17.3487, -151.5544 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(1, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(1, 255, 209)  
}
```

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(1, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 255, 209) }
```

Border

The CSS property to change the border of an element to YUV 173.8100, 17.3487, -151.5544 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(1, 255, 209) }
```


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

```
.border{ border-color:rgb(1, 255, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 255, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(1, 255,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 173.8100, 17.3487, -151.5544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 255, 209) }
```

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

```
.background{ background-color: rgb(1, 255,  
209) }
```

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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