

Converting Colors

YUV(179.9600, 9.8797,
-135.8999)

Have a look what the booklet for
YUV(179.9600, 9.8797, -135.8999)
contains.

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Color

**YUV(179.9600, 9.8797,
-135.8999)**

Conversions

Conversions Part 1

Format	Color
Hex	19FFC8
RGB	25, 255, 200
RGB Percent	10%, 100%, 78%
CMY	0.9020, 0.0000, 0.2157
CMYK	0.90, 0.00, 0.22, 0.00
HSL	166°, 100%, 55%
HSV	166°, 90%, 100%
XYZ	46.5862, 75.8968, 66.8378
YIQ	179.9600, -119.4250, -65.8650

Conversions

Conversions Part 2

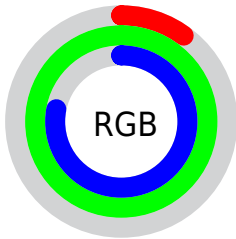
Format	Color
R_{YB}	25, 156, 255
Decimal	1703880
CIE _{Lab}	89.81, -61.86, 12.46
CIE _{LCh}	90, 63.102, 168.613
Yxy	75.8968, 0.2461, 0.4009
Android (android.graphics.Color)	4279893960 (0xFF19FFC8)
YUV	179.9600, 9.8797, -135.8999
Hunter-Lab	87.1188, -57.0061, 15.4957

Details

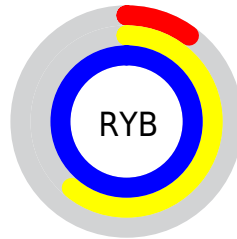
The YUV color **179.9600, 9.8797, -135.8999** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed cyan. A complement of this color would be **100.0400, -9.8797, 135.8999**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.9340, 19.7525, -82.3801**, and **132.2830, 6.7625, -116.0122** is the 20% darker color. If you saturate the color by 10%, you get **171.8010, 10.9441, -150.6695**, and if you desaturate by 10%, it is **188.1190, 8.8153, -121.1304**.

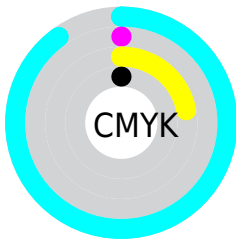
Distribution



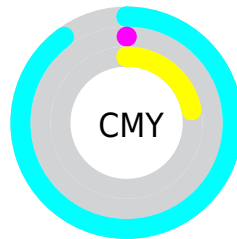
- Red (10%)
- Green (100%)
- Blue (78%)



- Red (10%)
- Yellow (61%)
- Blue (100%)



- Cyan (90%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (90%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.9600, 9.8797, -135.8999 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 179.9600, 9.8797, -135.8999 by changing the saturation by 10% instead.

179.9600, 9.8797,
-135.8999

179.9600, 9.8797,
-135.8999

255.0000, 0.0000,
0.0000

152.3840, 10.1637,
-133.6408

214.9340, 19.7525,
-82.3801

132.2830, 6.7625,
-116.0122

225.1000, 14.7407,
-61.4777

112.8830, 3.5087,
-98.9984

234.9670, 9.8763,
-41.1901

93.5970, 0.6917,
-82.0846

244.8340, 5.0118,
-20.9024

75.7130, -1.8305,
-66.4003

254.4020, 0.2948,
-1.2296

57.8290, -4.3527,
-50.7160

40.1730, -6.0013,

-35.2317

■ 23.8220, -10.2652,
-20.8919

■ 0.0000, 0.0000,
0.0000

■ 179.9600, 9.8797,
-135.8999

■ 179.9600, 9.8797,
-135.8999

■ 171.8010, 10.9441,
-150.6695

■ 188.1190, 8.8153,
-121.1304

■ 196.5770, 7.6035,
-105.7460

■ 204.7360, 6.5392,
-90.9765

■ 213.1940, 5.3274,
-75.5921

■ 221.3530, 4.2630,
-60.8226

■ 229.9250, 3.4880,
-45.5382

■ 238.0840, 2.4236,
-30.7687

■ 246.5420, 1.2118,
-15.3843

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



208.2230, -32.1549, -46.6766



179.9600, 9.8797, -135.8999



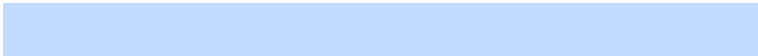
178.7550, 37.5888, -156.7681

Triad

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



179.9600, 9.8797, -135.8999



215.0310, 19.7047, -20.1982



204.5670, -33.3105, 44.2297

Complementary

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



179.9600, 9.8797, -135.8999



100.0400, -9.8797, 135.8999

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.



201.3310, -5.0932, 47.0677



179.9600, 9.8797, -135.8999



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.



179.9600, 9.8797, -135.8999



169.3630, 42.2190, -148.5314



208.7580, 20.8253, 40.5542



213.8330, -53.6547, 36.1035

Rectangle

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



179.9600, 9.8797, -135.8999



178.1680, 37.8782, -156.2533



208.7580, 20.8253, 40.5542



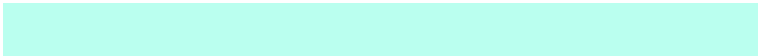
202.9830, -24.1486, 45.6189

Sweetspot

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



179.9600, 9.8797, -135.8999



232.5450, 3.1823, -40.8200



177.0530, -74.9621, -83.3615



114.6010, 1.6757, -24.2061



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.



179.9600, 9.8797, -135.8999



171.8010, 10.9441, -150.6695



152.7710, 50.3989, -112.0552



123.6570, 0.1691, -7.5922



128.7610, 8.4988, -112.9234



43.1540, 2.8821, -37.8461

Inverse Universe

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



100.0400, -9.8797, 135.8999



83.1990, -10.9441, 150.6695



127.2290, -50.3989, 112.0552



119.2290, -0.6059, 7.6922



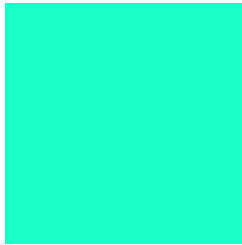
62.3530, -8.0620, 112.8234



20.8460, -2.8821, 37.8461

Previews

White Background



This preview shows how the YUV color 179.9600, 9.8797, -135.8999 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 179.9600, 9.8797, -135.8999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

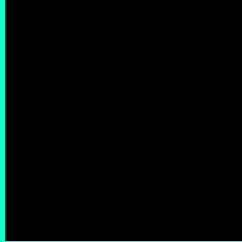
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

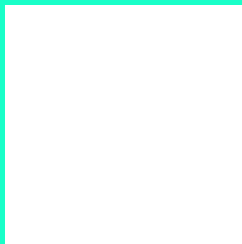
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 179.9600, 9.8797, -135.8999

Background



This preview shows how black text looks on a background with the YUV color 179.9600, 9.8797, -135.8999.



This preview shows how white text looks on a background with the YUV color 179.9600, 9.8797, -135.8999.

-135.8999.

Color Blindness Simulation

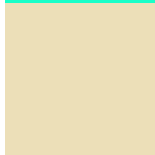
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



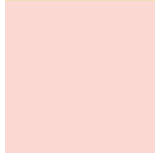
Original Color

179.9600, 9.8797, -135.8999



Protanopia

222.4410, -18.9514, 11.8912



Deuteranopia

225.6670, -8.2168, 22.2170



Tritanopia

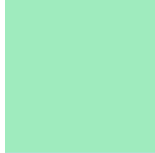
211.8100, 21.2927, -62.9774

Trichromacy



Original Color

179.9600, 9.8797, -135.8999



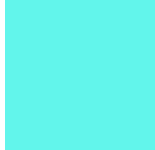
Protanomaly

207.1460, -8.4530, -42.2240



Deuteranomaly

209.0250, -1.4913, -35.1019



Tritanomaly

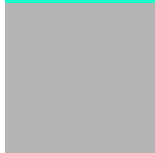
199.9070, 17.3008, -89.3724

Monochromacy



Original Color

179.9600, 9.8797, -135.8999



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

179.9030, 3.4988, -49.0269

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.9600, 9.8797, -135.8999 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(25, 255, 200)` looks like.

```
.text, #text, p{  
    color:rgb(25, 255, 200)  
}
```

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(25, 255, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 255, 200) }
```

Border

The CSS property to change the border of an element to YUV 179.9600, 9.8797, -135.8999 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(25, 255, 200) }
```


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

```
.border{ border-color:rgb(25, 255, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 255, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 255, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 255, 200);  
box-shadow:4px 4px 4px 4px rgb(25, 255,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 179.9600, 9.8797, -135.8999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 255, 200) }
```

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

```
.background{ background-color: rgb(25, 255,  
200) }
```

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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