

Converting Colors

YUV(176.1810, 31.4628,
-151.8797)

Have a look what the booklet for
YUV(176.1810, 31.4628, -151.8797)
contains.

YUV(176.1810, 31.4628, -151.8797)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(176.1810, 31.4628,
-151.8797)**

Conversions

Conversions Part 1

Format	Color
Hex	03FCF0
RGB	3, 252, 240
RGB Percent	1%, 99%, 94%
CMY	0.9882, 0.0118, 0.0588
CMYK	0.99, 0.00, 0.05, 0.01
HSL	177°, 98%, 50%
HSV	177°, 99%, 99%
XYZ	50.5761, 75.9314, 94.4287
YIQ	176.1810, -144.5520, -56.5200

Conversions

Conversions Part 2

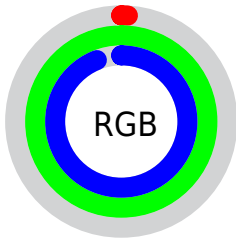
Format	Color
R_{YB}	3, 131, 252
Decimal	261360
CIE _{Lab}	89.83, -50.98, -8.27
CIE _{LCh}	90, 51.647, 189.209
Yxy	75.9314, 0.2289, 0.3437
Android (android.graphics.Color)	4278451440 (0xFF03FCF0)
YUV	176.1810, 31.4628, -151.8797
Hunter-Lab	87.1386, -48.8895, -3.2532

Details

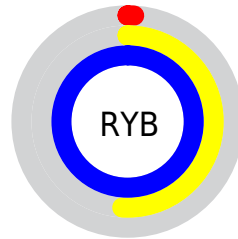
The YUV color **176.1810, 31.4628, -151.8797** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **78.8190, -31.4628, 151.8797**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.6350, 19.8999, -82.9949**, and **134.8540, 24.2290, -118.2670** is the 20% darker color. If you saturate the color by 10%, you get **175.2840, 31.9050, -153.7241**, and if you desaturate by 10%, it is **183.7700, 28.2144, -136.6103**.

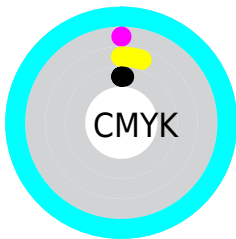
Distribution



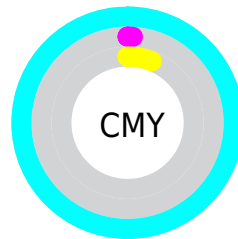
- Red (1%)
- Green (99%)
- Blue (94%)



- Red (1%)
- Yellow (51%)
- Blue (99%)



- Cyan (99%)
- Magenta (0%)
- Yellow (5%)
- Black (1%)



- Cyan (99%)
- Magenta (1%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.1810, 31.4628, -151.8797 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 176.1810, 31.4628, -151.8797 by changing the saturation by 10% instead.

176.1810, 31.4628,
-151.8797

176.1810, 31.4628,
-151.8797

255.0000, 0.0000,
0.0000

155.0690, 28.0670,
-135.9955

214.6350, 19.8999,
-82.9949

134.8540, 24.2290,
-118.2670

225.1000, 14.7407,
-61.4777

115.9270, 20.2490,
-101.6680

234.9670, 9.8763,
-41.1901

96.5270, 16.9952,
-84.6542

244.8340, 5.0118,
-20.9024

78.4150, 13.5994,
-68.7700

254.7010, 0.1474,
-0.6148

60.4170, 10.6404,
-52.9857

43.7070, 7.5394,

-38.3310

■ 27.6980, 4.5859,
-24.2911

■ 2.6390, 7.5730,
-2.3144

■ 176.1810, 31.4628,
-151.8797

■ 176.1810, 31.4628,
-151.8797

■ 175.2840, 31.9050,
-153.7241

■ 183.7700, 28.2144,
-136.6103

■ 191.3590, 24.9660,
-121.3408

■ 199.3610, 22.0070,
-105.5566

■ 206.9500, 18.7587,
-90.2871

■ 214.5390, 15.5103,
-75.0177

■ 222.1280, 12.2619,
-59.7483

■ 229.8310, 9.4503,
-44.5788

■ 237.7190, 6.0545,
-28.6946

■ 245.3080, 2.8062,
-13.4251

Harmonies

Analogous

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



205.0840, -7.9294, -70.2337



176.1810, 31.4628, -151.8797



175.2330, 39.3251, -153.6793

Triad

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



176.1810, 31.4628, -151.8797



225.6280, 14.4804, 22.2512



215.3780, -40.1194, 34.7485

Complementary

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



176.1810, 31.4628, -151.8797



78.8190, -31.4628, 151.8797

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.



209.6340, -21.5116, 39.7860



176.1810, 31.4628, -151.8797



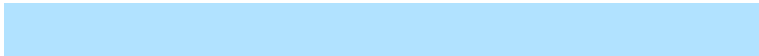
218.0190, 18.2316, 32.4323

Square

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



176.1810, 31.4628, -151.8797



214.6550, 19.8901, -33.0234



209.5950, 1.1857, 39.8202



220.8570, -46.7645, 19.4194

Rectangle

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



176.1810, 31.4628, -151.8797



172.2980, 40.7721, -151.1053



209.5950, 1.1857, 39.8202



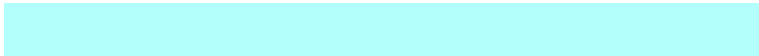
212.7680, -34.8886, 37.0375

Sweetspot

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



176.1810, 31.4628, -151.8797



231.8200, 9.4557, -46.3231



152.7510, -73.8272, -120.8076



113.9040, 5.4703, -27.9798



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.



176.1810, 31.4628, -151.8797



177.3870, 32.3472, -155.5684



111.8050, 69.1161, -95.4220



120.9990, 1.4795, -7.8921



131.4630, 23.9287, -115.2931



42.4190, 7.6814, -37.2015

Inverse Universe

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



78.8190, -31.4628, 151.8797



77.6130, -32.3472, 155.5684



143.1950, -69.1161, 95.4220



116.0010, -1.4795, 7.8921



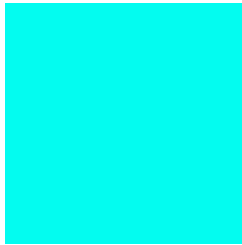
57.5370, -23.9287, 115.2931



18.5810, -7.6814, 37.2015

Previews

White Background



This preview shows how the YUV color 176.1810, 31.4628, -151.8797 looks on a white background.

Color Contrast Check

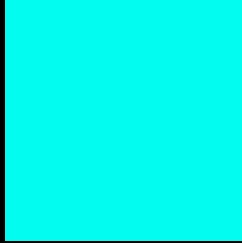
Large Text (above 18pt) WCAG AA × Fail

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 176.1810, 31.4628, -151.8797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

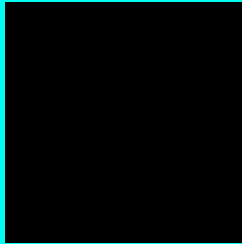
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

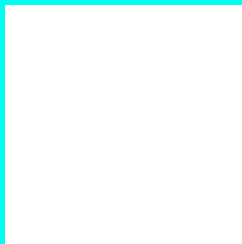
Any Text WCAG AAA ✓ Pass

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

YUV 176.1810, 31.4628, -151.8797 Background



This preview shows how black text looks on a background with the YUV color 176.1810, 31.4628, -151.8797.

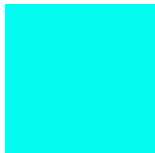


This preview shows how white text looks on a background with the YUV color 176.1810, 31.4628, -151.8797.

Color Blindness Simulation

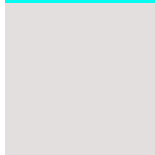
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



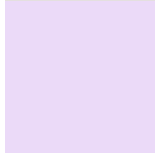
Original Color

176.1810, 31.4628, -151.8797



Protanopia

224.4950, -0.7370, 3.0739



Deuteranopia

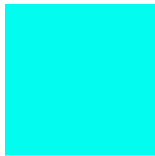
226.5030, 10.5980, 7.4519



Tritanopia

212.0980, 21.1507, -64.1069

Trichromacy



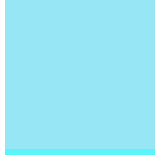
Original Color

176.1810, 31.4628, -151.8797



Protanomaly

207.1180, 10.7878, -53.6005



Deuteranomaly

208.0890, 18.1971, -50.0671



Tritanomaly

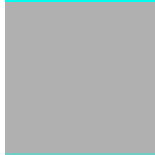
199.2250, 25.0321, -95.7903

Monochromacy



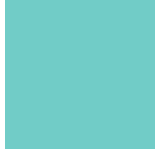
Original Color

176.1810, 31.4628, -151.8797



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

176.2210, 11.2300, -55.4448

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.1810, 31.4628, -151.8797 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(3, 252, 240)` looks like.

```
.text, #text, p{  
    color:rgb(3, 252, 240)  
}
```

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(3, 252, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 252, 240) }
```

Border

The CSS property to change the border of an element to YUV 176.1810, 31.4628, -151.8797 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(3, 252, 240) }
```


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

```
.border{ border-color:rgb(3, 252, 240) }
```

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

Here you see how a box with a 4 pixel rgb(3, 252, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 252, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 252, 240);  
box-shadow:4px 4px 4px 4px rgb(3, 252,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 176.1810, 31.4628, -151.8797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 252, 240) }
```

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

```
.background{ background-color: rgb(3, 252,  
240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor