

Converting Colors

YUV(176.5910, 36.6836,
-99.6193)

Have a look what the booklet for
YUV(176.5910, 36.6836, -99.6193)
contains.

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Color

**YUV(176.5910, 36.6836,
-99.6193)**

Conversions

Conversions Part 1

Format	Color
Hex	3FDCFB
RGB	63, 220, 251
RGB Percent	25%, 86%, 98%
CMY	0.7529, 0.1373, 0.0157
CMYK	0.75, 0.12, 0.00, 0.02
HSL	190°, 96%, 62%
HSV	190°, 75%, 98%
XYZ	45.0557, 59.2082, 100.3204
YIQ	176.5910, -103.5230, -23.6430

Conversions

Conversions Part 2

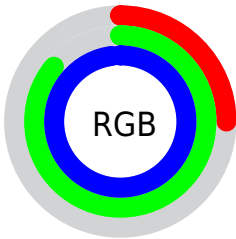
Format	Color
R _{YB}	63, 149, 251
Decimal	4185339
CIE _{Lab}	81.41, -29.99, -26.67
CIE _{LCh}	81, 40.138, 221.645
Y _{xy}	59.2082, 0.2202, 0.2894
Android (android.graphics.Color)	4282375419 (0xFF3FDCFB)
Y _{UV}	176.5910, 36.6836, -99.6193
Hunter-Lab	76.9469, -30.1376, -23.4373

Details

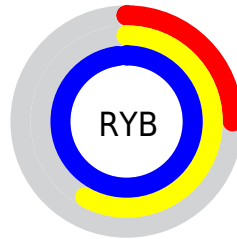
The YUV color **176.5910, 36.6836, -99.6193** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **137.4090, -36.6836, 99.6193**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.7180, 17.3940, -72.5437**, and **118.9710, 36.9893, -104.3376** is the 20% darker color. If you saturate the color by 10%, you get **166.7680, 41.5264, -112.9295**, and if you desaturate by 10%, it is **186.4140, 31.8409, -86.3091**.

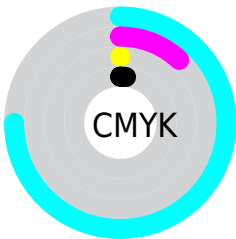
Distribution



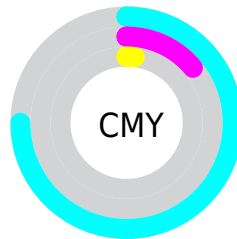
- Red (25%)
- Green (86%)
- Blue (98%)



- Red (25%)
- Yellow (58%)
- Blue (98%)



- Cyan (75%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (75%)
- Magenta (14%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.5910, 36.6836, -99.6193 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 176.5910, 36.6836, -99.6193 by changing the saturation by 10% instead.

176.5910, 36.6836,
-99.6193

176.5910, 36.6836,
-99.6193

255.0000, 0.0000,
0.0000

138.0120, 41.4061,
-121.0365

219.7180, 17.3940,
-72.5437

118.9710, 36.9893,
-104.3376

229.2860, 12.6770,
-52.8708

100.0440, 33.0093,
-87.7386

238.8540, 7.9600,
-33.1980

81.8180, 29.1767,
-71.7544

248.1230, 3.3904,
-14.1399

64.1790, 25.0548,
-56.2850

47.8280, 20.7908,
-41.9452

31.7050, 17.4004,

-27.8053

■ 12.7610, 15.8938,
-11.1914

■ 3.2090, 9.7570,
-2.8143

■ 176.5910, 36.6836,
-99.6193

■ 176.5910, 36.6836,
-99.6193

■ 166.7680, 41.5264,
-112.9295

■ 186.4140, 31.8409,
-86.3091

■ 156.9450, 46.3691,
-126.2398

■ 196.2370, 26.9982,
-72.9988

■ 151.8840, 48.8642,
-133.2023

■ 206.0600, 22.1554,
-59.6886

■ 216.4700, 17.0233,
-46.8932

■ 226.2930, 12.1806,
-33.5830

■ 236.4150, 7.1904,
-19.6580

■ 246.2380, 2.3477,
-6.3477

■ 253.3700, -1.1684,
1.4295

■ 254.5440, -1.7472,
0.3999

Harmonies

Analogous

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



179.1460, 18.1690, -87.8280



176.5910, 36.6836, -99.6193



187.2900, 33.3810, -66.9063

Triad

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



176.5910, 36.6836, -99.6193



205.4350, 10.6315, 43.4685



198.6140, -34.8127, 12.6165

Complementary

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



176.5910, 36.6836, -99.6193



137.4090, -36.6836, 99.6193

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.



201.7900, -34.8995, 40.5262



176.5910, 36.6836, -99.6193



199.3420, -5.0986, 48.8121

Square

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



176.5910, 36.6836, -99.6193



206.4130, 23.9534, 17.1778



199.4610, -22.4123, 48.7077



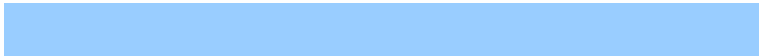
193.8640, -24.0900, -20.0517

Rectangle

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



176.5910, 36.6836, -99.6193



195.1520, 29.5051, -36.9673



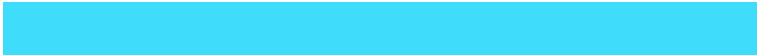
199.4610, -22.4123, 48.7077



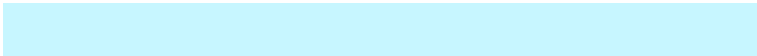
200.0390, -36.0082, 22.7678

Sweetspot

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



176.5910, 36.6836, -99.6193



232.9730, 10.8593, -29.7943



176.5480, -42.1752, -99.5816



114.3120, 6.7482, -17.8136



0.0000, 0.0000, 0.0000



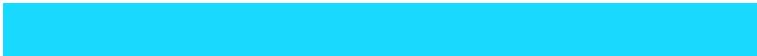
128.0000, 0.0000, 0.0000

Same Dimension

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



176.5910, 36.6836, -99.6193



163.9240, 44.9005, -121.8363



123.1740, 63.0182, -52.7726



119.9390, 2.4951, -6.9625



114.2920, 36.8310, -100.2341



36.8910, 11.8857, -32.3534

Inverse Universe

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



137.1100, 40.8648, 99.8815



115.6580, 49.9616, 122.2029



190.8260, -63.0182, 52.7726



117.1410, 2.8885, 6.8923



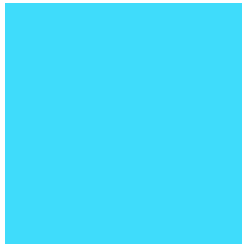
74.5230, 41.1542, 100.3963



24.0530, 13.2849, 32.4025

Previews

White Background



This preview shows how the YUV color 176.5910, 36.6836, -99.6193 looks on a white background.

Color Contrast Check

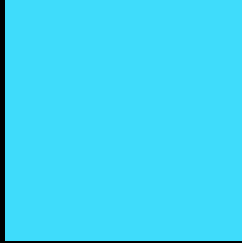
Large Text (above 18pt) WCAG AA × Fail

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 176.5910, 36.6836, -99.6193 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 176.5910, 36.6836, -99.6193 Background



This preview shows how black text looks on a background with the YUV color 176.5910, 36.6836, -99.6193.

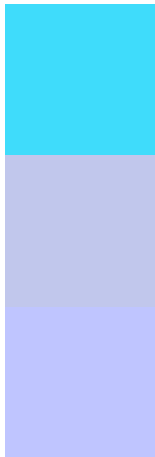


This preview shows how white text looks on a background with the YUV color 176.5910, 36.6836,

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

176.5910, 36.6836, -99.6193

Protanopia

201.4240, 17.0460, -7.3878

Deuteranopia

201.8180, 26.2187, -9.4874



Tritanopia

173.8200, 32.6267, -105.0821

Trichromacy



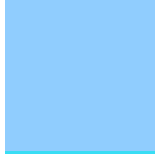
Original Color

176.5910, 36.6836, -99.6193



Protanomaly

192.6370, 23.8430, -40.9006



Deuteranomaly

192.3470, 30.3949, -42.4003



Tritanomaly

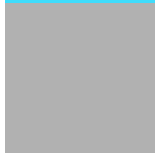
174.5860, 34.2211, -103.1229

Monochromacy



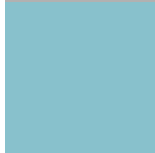
Original Color

176.5910, 36.6836, -99.6193



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

177.2110, 13.2070, -36.1420

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.5910, 36.6836, -99.6193 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(63, 220, 251)` looks like.

```
.text, #text, p{  
    color:rgb(63, 220, 251)  
}
```

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(63, 220, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 220, 251) }
```

Border

The CSS property to change the border of an element to YUV 176.5910, 36.6836, -99.6193 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(63, 220, 251) }
```


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

```
.border{ border-color:rgb(63, 220, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 220, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 220, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 220, 251);  
box-shadow:4px 4px 4px 4px rgb(63, 220,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 176.5910, 36.6836, -99.6193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 220, 251) }
```

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

```
.background{ background-color: rgb(63, 220,  
251) }
```

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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