

# Converting Colors

YUV(174.5490, 36.7043,  
-153.0795)

Have a look what the booklet for  
YUV(174.5490, 36.7043, -153.0795)  
contains.

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# Color

**YUV(174.5490, 36.7043,  
-153.0795)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00F9F9
RGB	0, 249, 249
RGB Percent	0%, 98%, 98%
CMY	1.0000, 0.0235, 0.0235
CMYK	1.00, 0.00, 0.00, 0.02
HSL	180°, 100%, 49%
HSV	180°, 100%, 98%
XYZ	50.9746, 74.5909, 101.3334
YIQ	174.5490, -148.4040, -52.7880

# Conversions

## Conversions Part 2

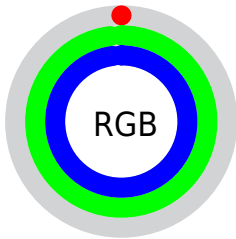
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 125, 249
Decimal	63993
CIELab	89.20, -47.22, -13.89
CIELCh	89, 49.219, 196.386
Yxy	74.5909, 0.2247, 0.3287
Android (android.graphics.Color)	4278254073 (0xFF00F9F9)
YUV	174.5490, 36.7043, -153.0795
Hunter-Lab	86.3660, -45.7871, -9.1088

# Details

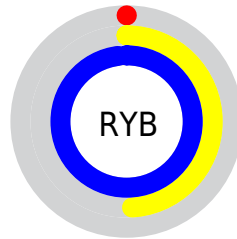
The YUV color **174.5490, 36.7043, -153.0795** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **74.4510, -36.7043, 153.0795**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.6350, 19.8999, -82.9949**, and **134.7060, 28.7389, -118.1372** is the 20% darker color. If you saturate the color by 10%, you get **174.5490, 36.7043, -153.0795**, and if you desaturate by 10%, it is **182.0240, 33.0192, -137.7100**.

# Distribution



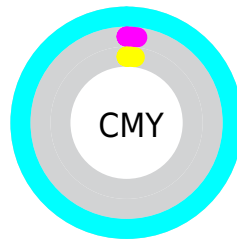
- Red (0%)
- Green (98%)
- Blue (98%)



- Red (0%)
- Yellow (49%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 174.5490, 36.7043, -153.0795 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 174.5490, 36.7043, -153.0795 by changing the saturation by 10% instead.



174.5490, 36.7043,  
-153.0795

174.5490, 36.7043,  
-153.0795

255.0000, 0.0000,  
0.0000

154.2200, 32.4295,  
-135.2509

214.6350, 19.8999,  
-82.9949

134.7060, 28.7389,  
-118.1372

225.1000, 14.7407,  
-61.4777

115.1920, 25.0483,  
-101.0234

235.2660, 9.7289,  
-40.5753

96.2650, 21.0684,  
-84.4244

245.1330, 4.8644,  
-20.2876

78.1530, 17.6726,  
-68.5402

254.7010, 0.1474,  
-0.6148

60.0410, 14.2768,  
-52.6560

43.3310, 11.1758,

-38.0013

■ 27.9090, 7.9329,  
-24.4762

■ 3.3230, 10.1938,  
-2.9143

■ 174.5490, 36.7043,  
-153.0795

■ 182.0240, 33.0192,  
-137.7100

■ 189.4990, 29.3340,  
-122.3406

■ 196.9740, 25.6488,  
-106.9712

■ 204.4490, 21.9636,  
-91.6018

■ 211.9240, 18.2785,  
-76.2323

■ 219.1000, 14.7407,  
-61.4777

■ 226.5750, 11.0555,  
-46.1083

■ 234.0500, 7.3704,  
-30.7388

■ 241.5250, 3.6852,  
-15.3694

# Harmonies

## Analogous

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



202.1630, -1.0664, -78.1960



174.5490, 36.7043, -153.0795



172.8850, 40.4827, -151.6201

# Triad

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



174.5490, 36.7043, -153.0795



223.8890, 15.3377, 27.2843



217.0250, -41.4243, 33.3041

# Complementary

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



174.5490, 36.7043, -153.0795



74.4510, -36.7043, 153.0795

# 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.



210.4830, -25.8741, 39.0414



174.5490, 36.7043, -153.0795



215.4600, 16.0422, 34.6766

# Square

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



174.5490, 36.7043, -153.0795



217.1130, 18.6783, -17.6391



209.4010, -4.6347, 39.9903



217.9420, -42.3694, 9.6979



# Rectangle

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



174.5490, 36.7043, -153.0795



192.6850, 30.7213, -100.5787



209.4010, -4.6347, 39.9903



214.1870, -37.0672, 35.7930

# Sweetspot

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



174.5490, 36.7043, -153.0795



232.2760, 11.2029, -46.7231



146.1630, -72.0584, -128.1850



114.2460, 6.7807, -28.2797



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.



174.5490, 36.7043, -153.0795



178.7550, 37.5888, -156.7681



101.7610, 72.5888, -89.2444



121.1130, 1.9163, -7.9921



132.4890, 27.8599, -116.1929



42.7610, 8.9918, -37.5014



# Inverse Universe

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



102.8370, 72.0584, 128.1850



105.3150, 73.7947, 131.2737



147.8260, -72.8782, 88.7296



117.3690, 3.7621, 6.6924



78.0570, 54.6949, 97.2970

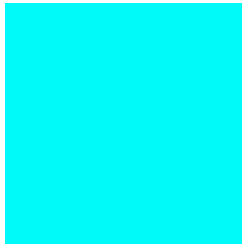


25.1930, 17.6529, 31.4027



# Previews

## White Background



This preview shows how the YUV color 174.5490, 36.7043, -153.0795 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

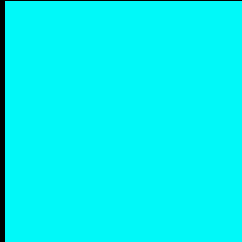
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 174.5490, 36.7043, -153.0795 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

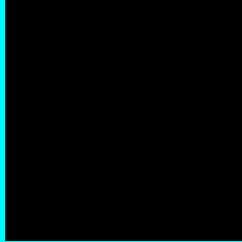
Any Text WCAG AA ✓ Pass

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 174.5490, 36.7043, -153.0795 Background



This preview shows how black text looks on a background with the YUV color 174.5490, 36.7043, -153.0795.



This preview shows how white text looks on a background with the YUV color 174.5490, 36.7043, -153.0795.

-153.0795.

# 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



### Protanopia

222.8520, 4.5100, 0.1298

### Deuteranopia

224.3220, 15.1243, 2.3486

### Tritanopia

208.2220, 23.0616, -70.3547

# Trichromacy



## Protanomaly

205.1870, 16.1768, -55.4150

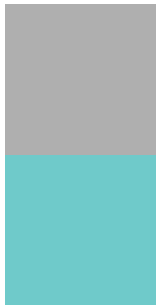
## Deuteranomaly

206.3210, 23.0127, -54.6555

## Tritanomaly

195.7020, 28.2479, -100.5937

# Monochromacy



## Achromatopsia

175.0000, 0.0000, 0.0000

## Achromatomaly

174.7910, 13.4140, -55.9447

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 174.5490, 36.7043, -153.0795 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(0, 249, 249)` looks like.

```
.text, #text, p{  
    color:rgb(0, 249, 249)  
}
```

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(0, 249, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 249, 249) }
```

## Border

The CSS property to change the border of an element to YUV 174.5490, 36.7043, -153.0795 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(0, 249, 249) }
```

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

```
.border{ border-color:rgb(0, 249, 249) }
```

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

Here you see how a box with a 4 pixel rgb(0, 249, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 249, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 249, 249);  
box-shadow:4px 4px 4px 4px rgb(0, 249,  
249) }
```



# Background

The CSS property to change the background color of an element to YUV 174.5490, 36.7043, -153.0795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 249, 249) }
```

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

```
.background{ background-color: rgb(0, 249,  
249) }
```

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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