

# Converting Colors

YUV(175.3640, 37.2885,  
-153.7942)

Have a look what the booklet for  
YUV(175.3640, 37.2885, -153.7942)  
contains.

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# Color

**YUV(175.3640, 37.2885,  
-153.7942)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FAFB
RGB	0, 250, 251
RGB Percent	0%, 98%, 98%
CMY	1.0000, 0.0196, 0.0157
CMYK	1.00, 0.00, 0.00, 0.02
HSL	180°, 100%, 49%
HSV	180°, 100%, 98%
XYZ	51.5982, 75.3362, 103.0886
YIQ	175.3640, -149.3210, -52.6890

# Conversions

## Conversions Part 2

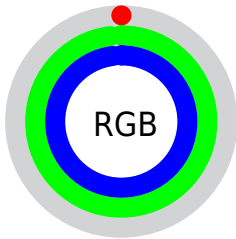
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 125, 251
Decimal	64251
CIELab	89.55, -47.08, -14.40
CIELCh	90, 49.230, 197.013
Yxy	75.3362, 0.2243, 0.3275
Android (android.graphics.Color)	4278254331 (0xFF00FAFB)
YUV	175.3640, 37.2885, -153.7942
Hunter-Lab	86.7965, -45.7803, -9.6615

# Details

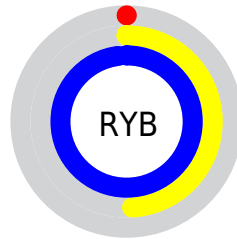
The YUV color **175.3640, 37.2885, -153.7942** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **75.6360, -37.2885, 153.7942**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.6350, 19.8999, -82.9949**, and **135.5210, 29.3231, -118.8519** is the 20% darker color. If you saturate the color by 10%, you get **175.3640, 37.2885, -153.7942**, and if you desaturate by 10%, it is **182.8390, 33.6034, -138.4248**.

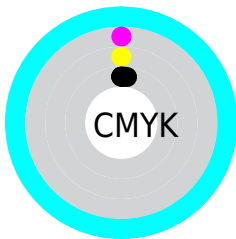
# Distribution



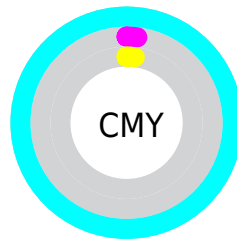
- Red (0%)
- Green (98%)
- Blue (98%)



- 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 175.3640, 37.2885, -153.7942 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 175.3640, 37.2885, -153.7942 by changing the saturation by 10% instead.



175.3640, 37.2885,  
-153.7942

175.3640, 37.2885,  
-153.7942

255.0000, 0.0000,  
0.0000

155.0350, 33.0137,  
-135.9657

214.6350, 19.8999,  
-82.9949

135.5210, 29.3231,  
-118.8519

225.3990, 14.5933,  
-60.8629

115.8930, 25.1958,  
-101.6382

235.2660, 9.7289,  
-40.5753

97.0800, 21.6526,  
-85.1392

245.1330, 4.8644,  
-20.2876

78.8540, 17.8200,  
-69.1550

60.8560, 14.8610,  
-53.3707

44.1460, 11.7600,

-38.7160

■ 28.6100, 8.0803,  
-25.0910

■ 3.5510, 11.0674,  
-3.1142

■ 175.3640, 37.2885,  
-153.7942

■ 182.8390, 33.6034,  
-138.4248

■ 190.3140, 29.9182,  
-123.0554

■ 197.7890, 26.2330,  
-107.6860

■ 205.2640, 22.5478,  
-92.3165

■ 213.6250, 18.4259,  
-76.8471

■ 221.1000, 14.7407,  
-61.4777

■ 228.5750, 11.0555,  
-46.1083

■ 236.0500, 7.3704,  
-30.7388

■ 243.5250, 3.6852,  
-15.3694

# Harmonies

## Analogous

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



202.9780, -0.4822, -78.9107



175.3640, 37.2885, -153.7942



173.4720, 40.1933, -152.1349

# Triad

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



175.3640, 37.2885, -153.7942



224.4760, 15.0483, 26.7695



217.6120, -41.7137, 32.7893

# Complementary

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



175.3640, 37.2885, -153.7942



75.6360, -37.2885, 153.7942

# 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.



211.0700, -26.1635, 38.5266



175.3640, 37.2885, -153.7942



216.0470, 15.7528, 34.1618

# Square

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



175.3640, 37.2885, -153.7942



217.7110, 18.3835, -16.4095



209.9880, -4.9241, 39.4755



219.2300, -42.5114, 8.5683



# Rectangle

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



175.3640, 37.2885, -153.7942



194.4680, 29.8423, -98.6344



209.9880, -4.9241, 39.4755



215.3610, -37.6460, 34.7634

# Sweetspot

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



175.3640, 37.2885, -153.7942



232.2760, 11.2029, -46.7231



147.3370, -72.6371, -129.2145



113.6590, 7.0701, -27.7649



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.



175.3640, 37.2885, -153.7942



178.1680, 37.8782, -156.2533



102.5760, 73.1730, -89.9592



121.1130, 1.9163, -7.9921



131.9020, 28.1493, -115.6781



42.7610, 8.9918, -37.5014



# Inverse Universe

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



103.5490, 72.2003, 129.3145



105.2010, 73.3579, 131.3737



149.0110, -73.4624, 89.4444



117.3690, 3.7621, 6.6924



77.9430, 54.2581, 97.3970

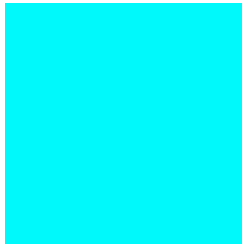


25.1930, 17.6529, 31.4027



# Previews

## White Background



This preview shows how the YUV color 175.3640, 37.2885, -153.7942 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

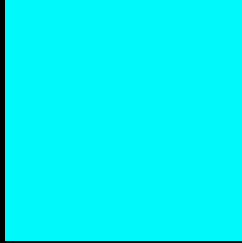
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 175.3640, 37.2885, -153.7942 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 175.3640, 37.2885, -153.7942 Background



This preview shows how black text looks on a background with the YUV color 175.3640, 37.2885, -153.7942.



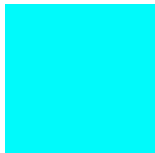
This preview shows how white text looks on a background with the YUV color 175.3640, 37.2885, -153.7942.

-153.7942.

# Color Blindness Simulation

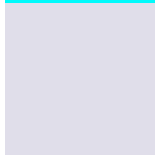
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

175.3640, 37.2885, -153.7942



### Protanopia

223.9660, 4.9468, 0.0298



### Deuteranopia

225.2080, 14.6875, 2.4486



## Tritanopia

210.0160, 22.1771, -66.6660

# Trichromacy



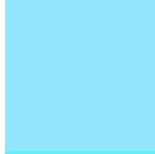
## Original Color

175.3640, 37.2885, -153.7942



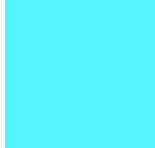
## Protanomaly

206.3010, 16.6136, -55.5150



## Deuteranomaly

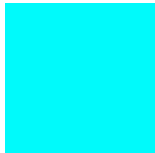
207.3210, 23.0127, -54.6555



## Tritanomaly

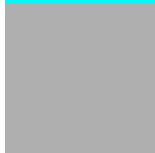
197.5990, 27.8057, -98.7493

# Monochromacy



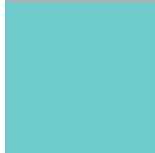
## Original Color

175.3640, 37.2885, -153.7942



## Achromatopsia

175.0000, 0.0000, 0.0000



## Achromatomaly

174.9050, 13.8508, -56.0447

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 175.3640, 37.2885, -153.7942 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, 250, 251)` looks like.

```
.text, #text, p{  
    color:rgb(0, 250, 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(0, 250, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 250, 251) }
```

## Border

The CSS property to change the border of an element to YUV 175.3640, 37.2885, -153.7942 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, 250, 251) }
```



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

```
.border{ border-color:rgb(0, 250, 251) }
```

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

Here you see how a box with a 4 pixel rgb(0, 250, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 250, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 250, 251);  
box-shadow:4px 4px 4px 4px rgb(0, 250,  
251) }
```

# Background

The CSS property to change the background color of an element to YUV 175.3640, 37.2885, -153.7942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 250, 251) }
```

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

```
.background{ background-color: rgb(0, 250,  
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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