

Converting Colors

YUV(176.5610, 35.2194,
-143.4430)

Have a look what the booklet for
YUV(176.5610, 35.2194, -143.4430)
contains.

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Color

**YUV(176.5610, 35.2194,
-143.4430)**

Conversions

Conversions Part 1

Format	Color
Hex	0DF6F8
RGB	13, 246, 248
RGB Percent	5%, 96%, 97%
CMY	0.9490, 0.0353, 0.0275
CMYK	0.95, 0.01, 0.00, 0.03
HSL	181°, 94%, 51%
HSV	181°, 95%, 97%
XYZ	50.0650, 72.7744, 100.2151
YIQ	176.5610, -139.5100, -48.7740

Conversions

Conversions Part 2

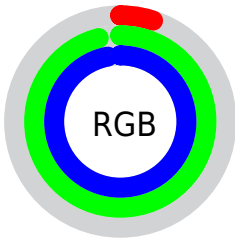
Format	Color
R _{YB}	13, 130, 248
Decimal	915192
CIE Lab	88.34, -45.94, -14.65
CIE LCh	88, 48.218, 197.686
Yxy	72.7744, 0.2245, 0.3263
Android (android.graphics.Color)	4279105272 (0xFF0DF6F8)
YUV	176.5610, 35.2194, -143.4430
Hunter-Lab	85.3079, -44.5318, -9.9351

Details

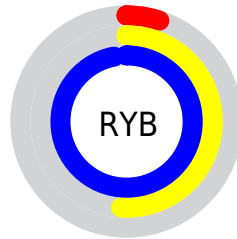
The YUV color **176.5610, 35.2194, -143.4430** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **84.4390, -35.2194, 143.4430**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.9340, 19.7525, -82.3801**, and **132.8310, 29.1703, -116.4928** is the 20% darker color. If you saturate the color by 10%, you get **172.6740, 37.1357, -151.4351**, and if you desaturate by 10%, it is **184.0360, 31.5343, -128.0736**.

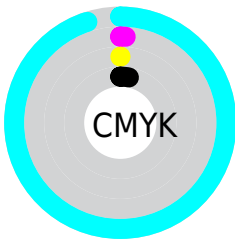
Distribution



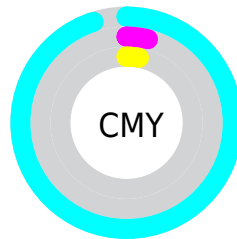
- Red (5%)
- Green (96%)
- Blue (97%)



- Red (5%)
- Yellow (51%)
- Blue (97%)



- Cyan (95%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (95%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.5610, 35.2194, -143.4430 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 176.5610, 35.2194, -143.4430 by changing the saturation by 10% instead.

176.5610, 35.2194,
-143.4430

176.5610, 35.2194,
-143.4430

255.0000, 0.0000,
0.0000

152.3450, 32.8609,
-133.6066

214.9340, 19.7525,
-82.3801

132.8310, 29.1703,
-116.4928

225.3990, 14.5933,
-60.8629

113.3170, 25.4797,
-99.3790

235.2660, 9.7289,
-40.5753

94.3900, 21.4997,
-82.7800

245.1330, 4.8644,
-20.2876

76.2780, 18.1039,
-66.8958

58.7530, 14.4188,
-51.5264

42.0430, 11.3178,

-36.8717

■ 26.6210, 8.0748,
-23.3466

■ 3.2090, 9.7570,
-2.8143

■ 176.5610, 35.2194,
-143.4430

■ 176.5610, 35.2194,
-143.4430

■ 172.6740, 37.1357,
-151.4351

■ 184.0360, 31.5343,
-128.0736

■ 191.5110, 27.8491,
-112.7041

■ 199.2740, 24.0219,
-98.4643

■ 206.7490, 20.3367,
-83.0949

■ 214.2240, 16.6516,
-67.7254

■ 221.6990, 12.9664,
-52.3560

■ 229.1740, 9.2812,
-36.9866

■ 236.9370, 5.4541,
-22.7467

■ 244.4120, 1.7689,
-7.3773

Harmonies

Analogous

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



199.9180, 0.5334, -77.9811



176.5610, 35.2194, -143.4430



171.1240, 41.3509, -150.0757

Triad

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



176.5610, 35.2194, -143.4430



222.7150, 15.9165, 28.3139



215.7370, -41.2823, 34.4337

Complementary

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



176.5610, 35.2194, -143.4430



84.4390, -35.2194, 143.4430

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.



209.6680, -26.4583, 39.7562



176.5610, 35.2194, -143.4430



214.3030, 14.1476, 35.6913

Square

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



176.5610, 35.2194, -143.4430



215.6510, 19.3991, -15.4799



207.7710, -5.8031, 41.4198



215.2730, -41.0536, 7.6536

Rectangle

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



176.5610, 35.2194, -143.4430



193.3160, 30.4102, -94.1161



207.7710, -5.8031, 41.4198



213.3720, -37.6514, 36.5078

Sweetspot

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



176.5610, 35.2194, -143.4430



233.1840, 10.7553, -43.1344



150.9450, -68.0069, -120.9778



114.2570, 6.7753, -26.5354



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.



176.5610, 35.2194, -143.4430



177.5810, 38.1676, -155.7385



109.0560, 68.4994, -84.2411



121.1130, 1.9163, -7.9921



131.3150, 28.4387, -115.1633



42.7610, 8.9918, -37.5014

Inverse Universe

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



109.8270, 67.1333, 121.1777



105.0870, 72.9211, 131.4737



152.5310, -68.7888, 83.7263



117.3690, 3.7621, 6.6924



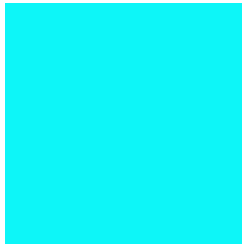
77.8290, 53.8213, 97.4970



25.1930, 17.6529, 31.4027

Previews

White Background



This preview shows how the YUV color 176.5610, 35.2194, -143.4430 looks on a white background.

Color Contrast Check

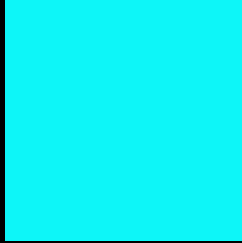
Large Text (above 18pt) WCAG AA × Fail

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 176.5610, 35.2194, -143.4430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

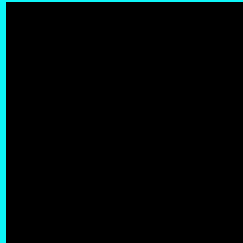
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

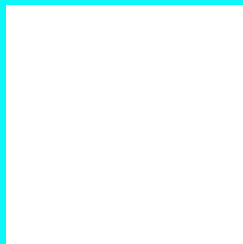
Any Text WCAG AAA ✓ Pass

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

YUV 176.5610, 35.2194, -143.4430 Background



This preview shows how black text looks on a background with the YUV color 176.5610, 35.2194, -143.4430.

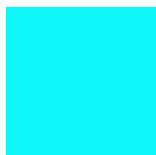


This preview shows how white text looks on a background with the YUV color 176.5610, 35.2194, -143.4430.

Color Blindness Simulation

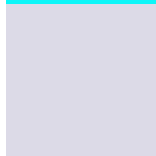
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

176.5610, 35.2194, -143.4430



Protanopia

220.0800, 5.3836, -0.0702



Deuteranopia

221.6640, 16.4346, 2.0487



Tritanopia

203.1500, 25.5621, -79.0615

Trichromacy



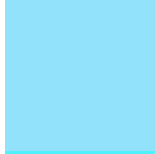
Original Color

176.5610, 35.2194, -143.4430



Protanomaly

204.2090, 16.1660, -51.9263



Deuteranomaly

205.3430, 23.0019, -51.1668



Tritanomaly

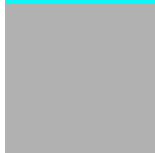
193.8050, 28.6901, -102.4380

Monochromacy



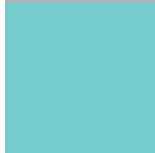
Original Color

176.5610, 35.2194, -143.4430



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

176.6990, 12.9664, -52.3560

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.5610, 35.2194, -143.4430 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(13, 246, 248)` looks like.

```
.text, #text, p{  
    color:rgb(13, 246, 248)  
}
```

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(13, 246, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 246, 248) }
```

Border

The CSS property to change the border of an element to YUV 176.5610, 35.2194, -143.4430 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(13, 246, 248) }
```


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

```
.border{ border-color:rgb(13, 246, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 246, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 246, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 246, 248);  
box-shadow:4px 4px 4px 4px rgb(13, 246,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 176.5610, 35.2194, -143.4430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 246, 248) }
```

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

```
.background{ background-color: rgb(13, 246,  
248) }
```

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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