

Converting Colors

YUV(180.7310, 30.6986,
-140.0841)

Have a look what the booklet for
YUV(180.7310, 30.6986, -140.0841)
contains.

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Color

**YUV(180.7310, 30.6986,
-140.0841)**

Conversions

Conversions Part 1

Format	Color
Hex	15FAF3
RGB	21, 250, 243
RGB Percent	8%, 98%, 95%
CMY	0.9176, 0.0196, 0.0471
CMYK	0.92, 0.00, 0.03, 0.02
HSL	178°, 96%, 53%
HSV	178°, 92%, 98%
XYZ	50.6725, 75.0017, 96.6001
YIQ	180.7310, -134.2370, -50.7250

Conversions

Conversions Part 2

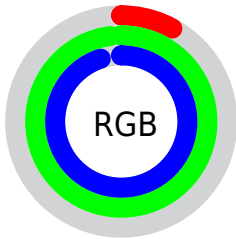
Format	Color
R _Y B	21, 137, 250
Decimal	1440499
CIE Lab	89.39, -48.85, -10.46
CIE LCh	89, 49.963, 192.089
Yxy	75.0017, 0.2280, 0.3374
Android (android.graphics.Color)	4279630579 (0xFF15FAF3)
YUV	180.7310, 30.6986, -140.0841
Hunter-Lab	86.6035, -47.1142, -5.5113

Details

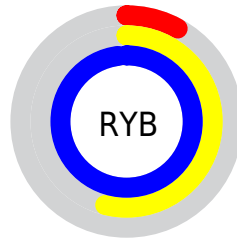
The YUV color **180.7310, 30.6986, -140.0841** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **90.2690, -30.6986, 140.0841**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.2330, 19.6051, -81.7653**, and **134.6090, 25.8288, -118.0521** is the 20% darker color. If you saturate the color by 10%, you get **174.3380, 33.3574, -152.8944**, and if you desaturate by 10%, it is **188.3200, 27.4502, -124.8146**.

Distribution



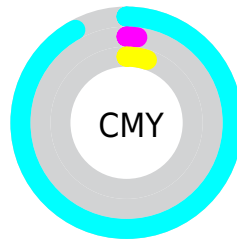
- Red (8%)
- Green (98%)
- Blue (95%)



- Red (8%)
- Yellow (54%)
- Blue (98%)



- Cyan (92%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)



- Cyan (92%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.7310, 30.6986, -140.0841 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 180.7310, 30.6986, -140.0841 by changing the saturation by 10% instead.

180.7310, 30.6986,
-140.0841

180.7310, 30.6986,
-140.0841

255.0000, 0.0000,
0.0000

154.2370, 29.9562,
-135.2658

215.2330, 19.6051,
-81.7653

134.6090, 25.8288,
-118.0521

225.6980, 14.4459,
-60.2481

115.0950, 22.1382,
-100.9383

235.8640, 9.4340,
-39.3457

96.2820, 18.5950,
-84.4393

245.4320, 4.7170,
-19.6729

78.1700, 15.1992,
-68.5551

60.0580, 11.8034,
-52.6709

42.7610, 8.9918,

-37.5014

■ 27.4530, 6.1857,
-24.0763

■ 2.8670, 8.4466,
-2.5144

■ 180.7310, 30.6986,
-140.0841

■ 180.7310, 30.6986,
-140.0841

■ 174.3380, 33.3574,
-152.8944

■ 188.3200, 27.4502,
-124.8146

■ 195.9090, 24.2019,
-109.5452

■ 203.3840, 20.5167,
-94.1758

■ 210.9730, 17.2683,
-78.9063

■ 218.5620, 14.0199,
-63.6369

■ 226.1510, 10.7716,
-48.3674

■ 233.6260, 7.0864,
-32.9980

■ 241.2150, 3.8380,
-17.7286

■ 248.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



203.8710, -4.8664, -72.6779



180.7310, 30.6986, -140.0841



174.0590, 39.9039, -152.6497

Triad

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



180.7310, 30.6986, -140.0841



225.6500, 14.4696, 25.7400



215.9650, -40.4087, 34.2337

Complementary

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



180.7310, 30.6986, -140.0841



90.2690, -30.6986, 140.0841

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.



209.8790, -23.1113, 39.5711



180.7310, 30.6986, -140.0841



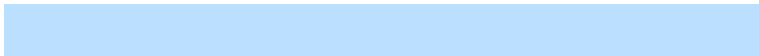
217.4320, 18.5210, 32.9471

Square

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



180.7310, 30.6986, -140.0841



215.5850, 19.4316, -25.9460



209.6120, -1.2877, 39.8053



219.2200, -43.9855, 14.7161

Rectangle

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



180.7310, 30.6986, -140.0841



186.6830, 33.6803, -116.3630



209.6120, -1.2877, 39.8053



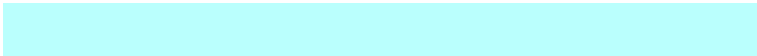
213.2410, -35.6148, 36.6226

Sweetspot

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



180.7310, 30.6986, -140.0841



234.1410, 9.2975, -42.2197



157.8150, -67.4498, -112.9708



115.5130, 5.1701, -25.0059



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.



180.7310, 30.6986, -140.0841



177.8430, 34.0944, -155.9683



118.7200, 64.7210, -85.7004



121.1130, 1.9163, -7.9921



131.8050, 25.2391, -115.5930



42.5330, 8.1182, -37.3014

Inverse Universe

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



90.2690, -30.6986, 140.0841



77.1570, -34.0944, 155.9683



152.2800, -64.7210, 85.7004



116.0010, -1.4795, 7.8921



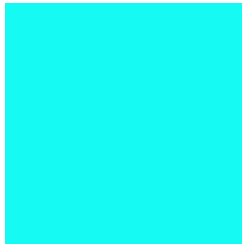
57.1950, -25.2391, 115.5930



18.4670, -8.1182, 37.3014

Previews

White Background



This preview shows how the YUV color 180.7310, 30.6986, -140.0841 looks on a white background.

Color Contrast Check

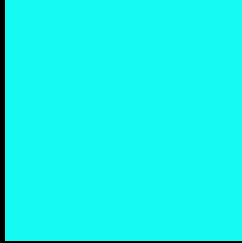
Large Text (above 18pt) WCAG AA × Fail

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 180.7310, 30.6986, -140.0841 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

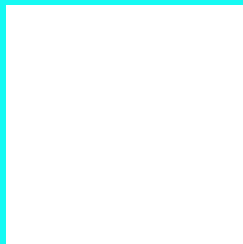
Any Text WCAG AAA ✓ Pass

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

YUV 180.7310, 30.6986, -140.0841 Background



This preview shows how black text looks on a background with the YUV color 180.7310, 30.6986, -140.0841.



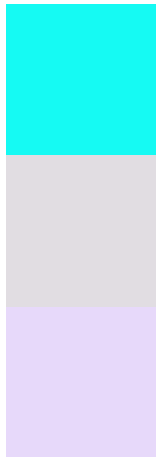
This preview shows how white text looks on a background with the YUV color 180.7310, 30.6986, -140.0841.

-140.0841.

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

180.7310, 30.6986, -140.0841

Protanopia

222.7660, 1.5944, 1.9592

Deuteranopia

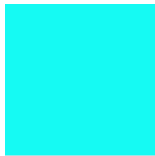
224.9480, 12.3506, 5.3076



Tritanopia

209.4180, 22.4719, -67.8956

Trichromacy



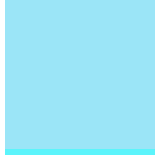
Original Color

180.7310, 30.6986, -140.0841



Protanomaly

207.7810, 11.9400, -49.7969



Deuteranomaly

208.9260, 18.7705, -47.2931



Tritanomaly

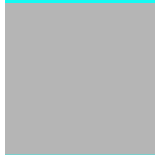
199.3500, 25.4635, -94.1459

Monochromacy



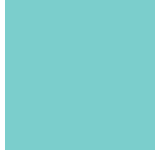
Original Color

180.7310, 30.6986, -140.0841



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

180.9550, 11.3612, -50.8265

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.7310, 30.6986, -140.0841 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(21, 250, 243)` looks like.

```
.text, #text, p{  
    color:rgb(21, 250, 243)  
}
```

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(21, 250, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 250, 243) }
```

Border

The CSS property to change the border of an element to YUV 180.7310, 30.6986, -140.0841 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(21, 250, 243) }
```


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

```
.border{ border-color:rgb(21, 250, 243) }
```

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

Here you see how a box with a 4 pixel rgb(21, 250, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 250, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 250, 243);  
box-shadow:4px 4px 4px 4px rgb(21, 250,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 180.7310, 30.6986, -140.0841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 250, 243) }
```

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

```
.background{ background-color: rgb(21, 250,  
243) }
```

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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