

Converting Colors

YUV(180.4060, 26.9148,
-139.7991)

Have a look what the booklet for
YUV(180.4060, 26.9148, -139.7991)
contains.

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Color

**YUV(180.4060, 26.9148,
-139.7991)**

Conversions

Conversions Part 1

Format	Color
Hex	15FBEB
RGB	21, 251, 235
RGB Percent	8%, 98%, 92%
CMY	0.9176, 0.0157, 0.0784
CMYK	0.92, 0.00, 0.06, 0.02
HSL	176°, 97%, 53%
HSV	176°, 92%, 98%
XYZ	49.8018, 75.1519, 90.4782
YIQ	180.4060, -131.9440, -53.7360

Conversions

Conversions Part 2

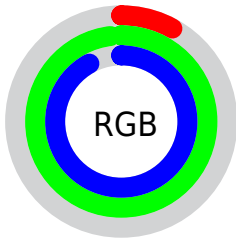
Format	Color
R_{YB}	21, 140, 251
Decimal	1440747
CIE _{Lab}	89.46, -51.49, -6.19
CIE _{LCh}	89, 51.865, 186.859
Yxy	75.1519, 0.2312, 0.3488
Android (android.graphics.Color)	4279630827 (0xFF15FBEB)
YUV	180.4060, 26.9148, -139.7991
Hunter-Lab	86.6902, -49.1631, -1.1976

Details

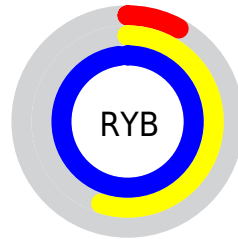
The YUV color **180.4060, 26.9148, -139.7991** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **91.5940, -26.9148, 139.7991**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.2330, 19.6051, -81.7653**, and **133.6970, 22.3344, -117.2523** is the 20% darker color. If you saturate the color by 10%, you get **174.0130, 29.5736, -152.6094**, and if you desaturate by 10%, it is **188.1090, 24.1033, -124.6296**.

Distribution



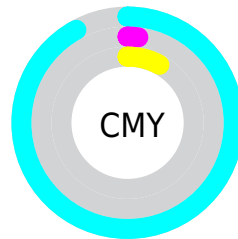
- Red (8%)
- Green (98%)
- Blue (92%)



- Red (8%)
- Yellow (55%)
- Blue (98%)



- Cyan (92%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (92%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.4060, 26.9148, -139.7991 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 180.4060, 26.9148, -139.7991 by changing the saturation by 10% instead.

180.4060, 26.9148,
-139.7991

180.4060, 26.9148,
-139.7991

255.0000, 0.0000,
0.0000

153.9120, 26.1724,
-134.9808

215.2330, 19.6051,
-81.7653

133.6970, 22.3344,
-117.2523

225.6980, 14.4459,
-60.2481

114.8840, 18.7912,
-100.7533

235.5650, 9.5815,
-39.9605

96.0710, 15.2480,
-84.2543

245.1330, 4.8644,
-20.2876

77.3720, 12.1416,
-67.8552

59.3740, 9.1826,
-52.0710

42.6640, 6.0816,

-37.4163

■ 26.7690, 3.5649,
-23.4764

■ 2.0690, 5.3890,
-1.8145

■ 180.4060, 26.9148,
-139.7991

■ 180.4060, 26.9148,
-139.7991

■ 174.0130, 29.5736,
-152.6094

■ 188.1090, 24.1033,
-124.6296

■ 195.6980, 20.8549,
-109.3601

■ 203.4010, 18.0433,
-94.1907

■ 211.1040, 15.2317,
-79.0212

■ 219.1060, 12.2727,
-63.2370

■ 226.6950, 9.0244,
-47.9675

■ 234.3980, 6.2128,
-32.7980

■ 242.1010, 3.4012,
-17.6286

■ 249.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



205.1230, -10.4136, -66.7599



180.4060, 26.9148, -139.7991



175.2330, 39.3251, -153.6793

Triad

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



180.4060, 26.9148, -139.7991



224.4210, 15.0754, 18.0478



213.6170, -39.2512, 36.2929

Complementary

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



180.4060, 26.9148, -139.7991



91.5940, -26.9148, 139.7991

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.



208.1010, -19.7698, 41.1304



180.4060, 26.9148, -139.7991



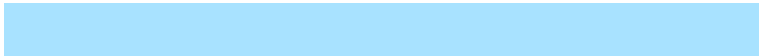
217.4320, 18.5210, 32.9471

Square

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



180.4060, 26.9148, -139.7991



211.9640, 21.2167, -38.5564



209.3500, 2.7855, 40.0351



220.1670, -46.9173, 21.7785

Rectangle

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



180.4060, 26.9148, -139.7991



172.2980, 40.7721, -151.1053



209.3500, 2.7855, 40.0351



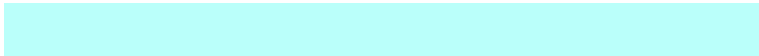
211.7080, -33.8730, 37.9671

Sweetspot

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



180.4060, 26.9148, -139.7991



233.7990, 7.9871, -41.9197



161.6910, -69.3607, -106.7230



115.3990, 4.7333, -24.9059



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.



180.4060, 26.9148, -139.7991



176.7030, 29.7264, -154.9685



125.8780, 61.6851, -91.9780



120.9990, 1.4795, -7.8921



131.0070, 22.1815, -114.8931



42.3050, 7.2446, -37.1015

Inverse Universe

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



91.5940, -26.9148, 139.7991



78.2970, -29.7264, 154.9685



146.1220, -61.6851, 91.9780



116.0010, -1.4795, 7.8921



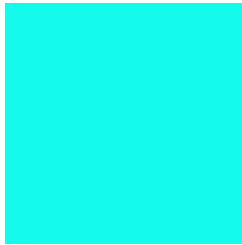
57.9930, -22.1815, 114.8931



18.6950, -7.2446, 37.1015

Previews

White Background



This preview shows how the YUV color 180.4060, 26.9148, -139.7991 looks on a white background.

Color Contrast Check

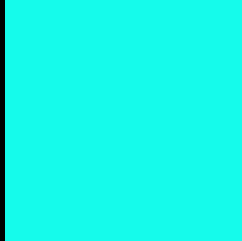
Large Text (above 18pt) WCAG AA × Fail

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 180.4060, 26.9148, -139.7991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

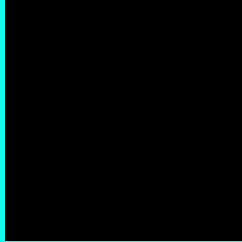
Any Text WCAG AA ✓ Pass

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 180.4060, 26.9148, -139.7991 Background



This preview shows how black text looks on a background with the YUV color 180.4060, 26.9148, -139.7991.



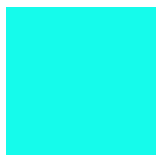
This preview shows how white text looks on a background with the YUV color 180.4060, 26.9148, -139.7991.

-139.7991.

Color Blindness Simulation

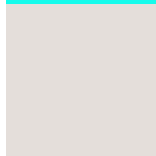
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



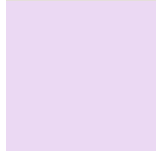
Original Color

180.4060, 26.9148, -139.7991



Protanopia

223.3380, -2.6316, 4.0886



Deuteranopia

225.3460, 8.7034, 8.4666



Tritanopia

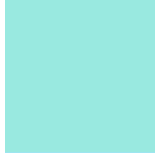
209.7170, 22.3245, -67.2808

Trichromacy



Original Color

180.4060, 26.9148, -139.7991



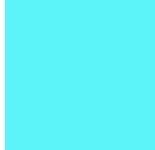
Protanomaly

208.0540, 7.8614, -48.2824



Deuteranomaly

208.7260, 15.4181, -45.3637



Tritanomaly

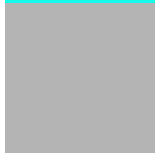
199.0080, 24.1531, -93.8460

Monochromacy



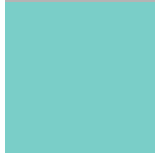
Original Color

180.4060, 26.9148, -139.7991



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

180.2000, 9.7614, -51.0414

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.4060, 26.9148, -139.7991 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, 251, 235)` looks like.

```
.text, #text, p{  
    color:rgb(21, 251, 235)  
}
```

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, 251, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 251, 235) }
```

Border

The CSS property to change the border of an element to YUV 180.4060, 26.9148, -139.7991 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, 251, 235) }
```


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

```
.border{ border-color:rgb(21, 251, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 251, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 251, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 251, 235);  
box-shadow:4px 4px 4px 4px rgb(21, 251,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 180.4060, 26.9148, -139.7991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 251, 235) }
```

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

```
.background{ background-color: rgb(21, 251,  
235) }
```

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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