

Converting Colors

YUV(186.0730, 32.0090,
-140.3840)

Have a look what the booklet for
YUV(186.0730, 32.0090, -140.3840)
contains.

YUV(186.0730, 32.0090, -140.3840)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(186.0730, 32.0090,
-140.3840)**

Conversions

Conversions Part 1

Format	Color
Hex	1AFFFB
RGB	26, 255, 251
RGB Percent	10%, 100%, 98%
CMY	0.8980, 0.0000, 0.0157
CMYK	0.90, 0.00, 0.02, 0.00
HSL	179°, 100%, 55%
HSV	179°, 90%, 100%
XYZ	53.5986, 78.7046, 103.6334
YIQ	186.0730, -135.2000, -49.7920

Conversions

Conversions Part 2

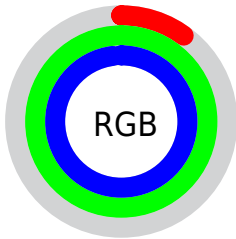
Format	Color
R _Y B	26, 142, 255
Decimal	1769467
CIE Lab	91.10, -48.55, -12.08
CIE LCh	91, 50.032, 193.968
Yxy	78.7046, 0.2272, 0.3336
Android (android.graphics.Color)	4279959547 (0xFF1AFFFB)
YUV	186.0730, 32.0090, -140.3840
Hunter-Lab	88.7156, -47.4095, -7.1588

Details

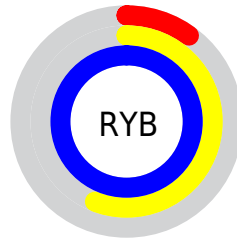
The YUV color **186.0730, 32.0090, -140.3840** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **94.9270, -32.0090, 140.3840**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.1300, 19.1629, -79.9210**, and **137.8690, 28.1656, -120.9111** is the 20% darker color. If you saturate the color by 10%, you get **178.2990, 35.8416, -156.3682**, and if you desaturate by 10%, it is **193.5480, 28.3238, -125.0146**.

Distribution



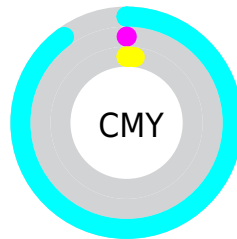
- Red (10%)
- Green (100%)
- Blue (98%)



- Red (10%)
- Yellow (56%)
- Blue (100%)



- Cyan (90%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (90%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.0730, 32.0090, -140.3840 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 186.0730, 32.0090, -140.3840 by changing the saturation by 10% instead.

186.0730, 32.0090,
-140.3840

186.0730, 32.0090,
-140.3840

255.0000, 0.0000,
0.0000

157.9700, 31.5668,
-138.5397

216.1300, 19.1629,
-79.9210

137.8690, 28.1656,
-120.9111

226.5950, 14.0037,
-58.4038

118.8280, 23.7488,
-104.2122

236.7610, 8.9918,
-37.5014

99.4280, 20.4950,
-87.1984

246.6280, 4.1274,
-17.2138

81.3160, 17.0992,
-71.3141

63.2040, 13.7034,
-55.4299

46.4940, 10.6025,

-40.7752

■ 30.9580, 6.9227,
-27.1502

■ 8.2470, 8.7522,
-7.2326

■ 186.0730, 32.0090,
-140.3840

■ 186.0730, 32.0090,
-140.3840

■ 178.2990, 35.8416,
-156.3682

■ 193.5480, 28.3238,
-125.0146

■ 201.4360, 24.9281,
-109.1304

■ 208.9110, 21.2429,
-93.7609

■ 216.7990, 17.8471,
-77.8767

■ 224.2740, 14.1619,
-62.5073

■ 232.1620, 10.7661,
-46.6231

■ 239.6370, 7.0810,
-31.2536

■ 247.5250, 3.6852,
-15.3694

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



207.9030, -3.4032, -75.3369



186.0730, 32.0090, -140.3840



176.4070, 38.7463, -154.7089

Triad

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



186.0730, 32.0090, -140.3840



227.9980, 13.3120, 23.6808



219.8290, -40.8347, 30.8450

Complementary

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



186.0730, 32.0090, -140.3840



94.9270, -32.0090, 140.3840

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.



213.6290, -23.9741, 36.2824



186.0730, 32.0090, -140.3840



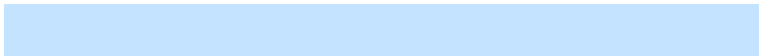
219.7800, 17.3635, 30.8879

Square

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



186.0730, 32.0090, -140.3840



220.9230, 16.8000, -21.8575



212.7750, -1.8611, 37.0313



223.9100, -43.8326, 12.3569

Rectangle

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



186.0730, 32.0090, -140.3840



194.7010, 29.7274, -108.4858



212.7750, -1.8611, 37.0313



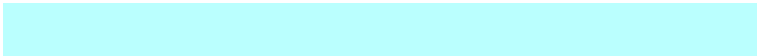
217.1050, -36.0408, 33.2339

Sweetspot

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



186.0730, 32.0090, -140.3840



234.2550, 9.7343, -42.3196



162.8150, -67.4498, -112.9708



115.6270, 5.6069, -25.1059



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.



186.0730, 32.0090, -140.3840



178.2990, 35.8416, -156.3682



123.7200, 64.7210, -85.7004



123.9990, 1.4795, -7.8921



133.5490, 26.8443, -117.1225



44.7500, 8.9972, -39.2458

Inverse Universe

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



94.9270, -32.0090, 140.3840



76.7010, -35.8416, 156.3682



157.2800, -64.7210, 85.7004



118.8870, -1.9163, 7.9921



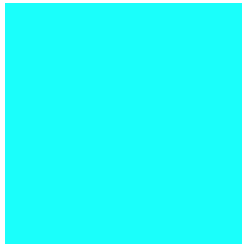
57.4510, -26.8443, 117.1225



19.2500, -8.9972, 39.2458

Previews

White Background



This preview shows how the YUV color 186.0730, 32.0090, -140.3840 looks on a white background.

Color Contrast Check

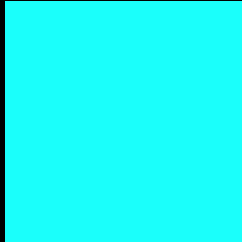
Large Text (above 18pt) WCAG AA × Fail

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 186.0730, 32.0090, -140.3840 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 186.0730, 32.0090, -140.3840 Background



This preview shows how black text looks on a background with the YUV color 186.0730, 32.0090, -140.3840.

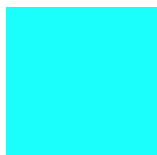


This preview shows how white text looks on a background with the YUV color 186.0730, 32.0090, -140.3840.

Color Blindness Simulation

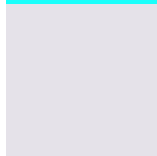
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



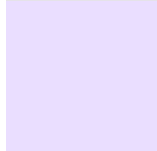
Original Color

186.0730, 32.0090, -140.3840



Protanopia

227.6950, 2.6154, 1.1445



Deuteranopia

229.3500, 12.6455, 4.0781



Tritanopia

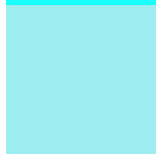
217.7680, 18.3554, -54.1705

Trichromacy



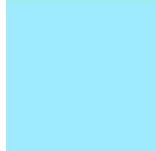
Original Color

186.0730, 32.0090, -140.3840



Protanomaly

212.8240, 13.3978, -50.7116



Deuteranomaly

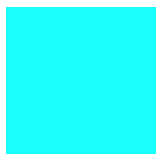
213.5560, 19.9389, -48.7226



Tritanomaly

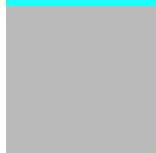
206.5360, 23.3998, -85.5391

Monochromacy



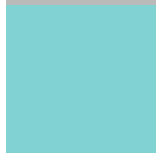
Original Color

186.0730, 32.0090, -140.3840



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

186.0690, 11.7980, -50.9265

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.0730, 32.0090, -140.3840 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(26, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(26, 255, 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(26, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 255, 251) }
```

Border

The CSS property to change the border of an element to YUV 186.0730, 32.0090, -140.3840 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(26, 255, 251) }
```


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

```
.border{ border-color:rgb(26, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(26, 255,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 186.0730, 32.0090, -140.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 255, 251) }
```

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

```
.background{ background-color: rgb(26, 255,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor