

Converting Colors

YUV(186.9740, 15.7888,
-71.0142)

Have a look what the booklet for
YUV(186.9740, 15.7888, -71.0142)
contains.

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Color

**YUV(186.9740, 15.7888,
-71.0142)**

Conversions

Conversions Part 1

Format	Color
Hex	6ADEDB
RGB	106, 222, 219
RGB Percent	42%, 87%, 86%
CMY	0.5843, 0.1294, 0.1412
CMYK	0.52, 0.00, 0.01, 0.13
HSL	178°, 64%, 64%
HSV	178°, 52%, 87%
XYZ	44.8513, 60.4212, 76.3164
YIQ	186.9740, -68.1730, -25.5250

Conversions

Conversions Part 2

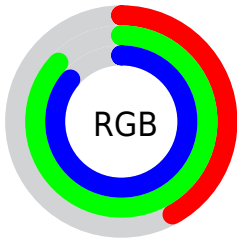
Format	Color
RYB	106, 165, 222
Decimal	7003867
CIELab	82.07, -33.43, -8.58
CIELCh	82, 34.515, 194.388
Yxy	60.4212, 0.2470, 0.3327
Android (android.graphics.Color)	4285193947 (0xFF6AEDDB)
YUV	186.9740, 15.7888, -71.0142
Hunter-Lab	77.7311, -33.0338, -3.7992

Details

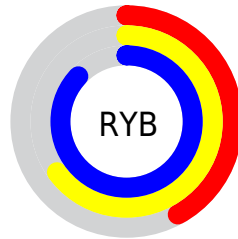
The YUV color **186.9740, 15.7888, -71.0142** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **141.0260, -15.7888, 71.0142**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.3890, 13.1192, -54.7152**, and **127.2010, 18.1419, -79.1063** is the 20% darker color. If you saturate the color by 10%, you get **180.2820, 18.5950, -84.4393**, and if you desaturate by 10%, it is **193.6660, 12.9827, -57.5891**.

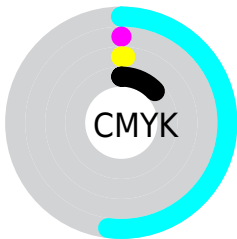
Distribution



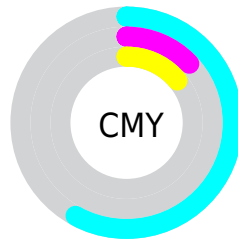
- Red (42%)
- Green (87%)
- Blue (86%)



- Red (42%)
- Yellow (65%)
- Blue (87%)



- Cyan (52%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (58%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.9740, 15.7888, -71.0142 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 186.9740, 15.7888, -71.0142 by changing the saturation by 10% instead.

■ 186.9740, 15.7888,
-71.0142

■ 186.9740, 15.7888,
-71.0142

255.0000, 0.0000,
0.0000

■ 157.7780, 16.3784,
-73.4733

■ 228.3890, 13.1192,
-54.7152

■ 127.2010, 18.1419,
-79.1063

■ 237.0600, 8.8444,
-36.8866

■ 97.9120, 19.7634,
-85.8688

■ 246.0300, 4.4222,
-18.4433

■ 79.6860, 15.9308,
-69.8846

■ 62.2750, 12.6824,
-54.6152

■ 45.5650, 9.5815,
-39.9605

■ 29.5560, 6.6279,

-25.9206

■ 11.4270, 5.7055,
-10.0215

■ 0.0000, 0.0000,
0.0000

■ 186.9740, 15.7888,
-71.0142

■ 186.9740, 15.7888,
-71.0142

■ 180.2820, 18.5950,
-84.4393

■ 193.6660, 12.9827,
-57.5891

■ 173.7040, 21.8379,
-97.9644

■ 200.2440, 9.7397,
-44.0640

■ 166.7130, 24.7915,
-112.0043

■ 207.2350, 6.7861,
-30.0241

■ 160.1350, 28.0344,
-125.5294

■ 213.8130, 3.5432,
-16.4990

■ 154.9380, 30.1036,
-135.8806

■ 220.5050, 0.7370,
-3.0739

■ 227.0830, -2.5059,
10.4512

■ 231.9810, -4.4276,
20.1877

■ 232.0950, -3.9908,
20.0877

Harmonies

Analogous

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



191.8940, -2.9057, -48.1420



186.9740, 15.7888, -71.0142



187.6220, 29.7664, -74.2135

Triad

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



186.9740, 15.7888, -71.0142



208.3160, 21.0432, 17.2629



203.5980, -30.3678, 33.6786

Complementary

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



186.9740, 15.7888, -71.0142



141.0260, -15.7888, 71.0142

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.



203.6670, -21.5278, 45.0190



186.9740, 15.7888, -71.0142



208.3870, 6.7112, 40.8796

Square

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



186.9740, 15.7888, -71.0142



202.9590, 25.6562, -15.7500



203.4510, -7.1243, 45.2085



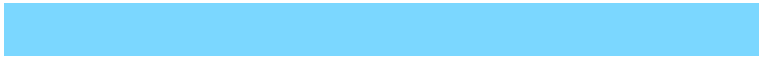
200.6720, -29.4183, 9.0577

Rectangle

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



186.9740, 15.7888, -71.0142



192.0520, 31.0334, -60.5586



203.4510, -7.1243, 45.2085



204.7990, -28.4949, 39.6413

Sweetspot

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



186.9740, 15.7888, -71.0142



242.6270, 5.6069, -25.1059



175.2880, -34.1590, -57.2576



120.4110, 3.2484, -15.2694



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.



186.9740, 15.7888, -71.0142



206.4050, 21.9853, -98.5792



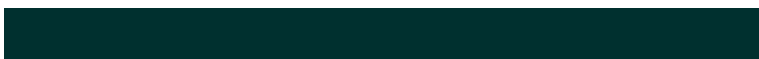
155.6180, 32.7263, -43.5150



108.7110, 1.6215, -6.7625



122.8060, 23.7596, -107.7009



33.5340, 6.6387, -29.4093

Inverse Universe

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



141.0260, -15.7888, 71.0142



142.7090, -21.5485, 98.4792



172.3820, -32.7263, 43.5150



104.2890, -1.6215, 6.7625



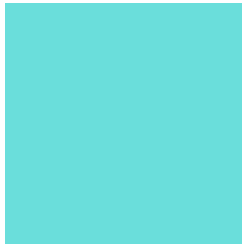
53.1940, -23.7596, 107.7009



14.4660, -6.6387, 29.4093

Previews

White Background



This preview shows how the YUV color 186.9740, 15.7888, -71.0142 looks on a white background.

Color Contrast Check

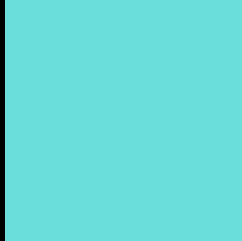
Large Text (above 18pt) WCAG AA × Fail

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 186.9740, 15.7888, -71.0142 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

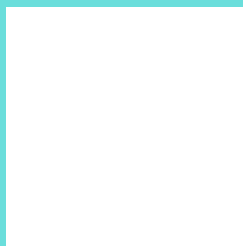
Any Text WCAG AAA ✓ Pass

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

YUV 186.9740, 15.7888, -71.0142 Background



This preview shows how black text looks on a background with the YUV color 186.9740, 15.7888, -71.0142.



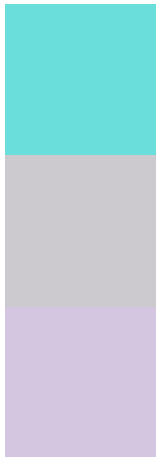
This preview shows how white text looks on a background with the YUV color 186.9740, 15.7888, -71.0142.

-71.0142.

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

186.9740, 15.7888, -71.0142

Protanopia

203.4670, 1.7418, 1.3444

Deuteranopia

204.5630, 9.5824, 6.5222



Tritanopia

189.0590, 23.6349, -67.5807

Trichromacy



Original Color

186.9740, 15.7888, -71.0142

Protanomaly

197.2680, 6.7699, -24.7910

Deuteranomaly

197.9570, 11.8532, -21.8873

Tritanomaly

188.2500, 20.5828, -68.6252

Monochromacy



Original Color

186.9740, 15.7888, -71.0142

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.3280, 5.7543, -25.7207

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.9740, 15.7888, -71.0142 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(106, 222, 219)` looks like.

```
.text, #text, p{  
    color:rgb(106, 222, 219)  
}
```

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(106, 222, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 222, 219) }
```

Border

The CSS property to change the border of an element to YUV 186.9740, 15.7888, -71.0142 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(106, 222, 219) }
```


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

```
.border{ border-color:rgb(106, 222, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 222, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 222, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 222, 219); box-shadow:4px 4px 4px 4px rgb(106, 222, 219) }
```

Background

The CSS property to change the background color of an element to YUV 186.9740, 15.7888, -71.0142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 222, 219) }
```

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

```
.background{ background-color: rgb(106,  
222, 219) }
```

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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