

Converting Colors

YUV(169.1740, 18.6482,
-148.3656)

Have a look what the booklet for
YUV(169.1740, 18.6482, -148.3656)
contains.

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Color

**YUV(169.1740, 18.6482,
-148.3656)**

Conversions

Conversions Part 1

Format	Color
Hex	00F8CF
RGB	0, 248, 207
RGB Percent	0%, 97%, 81%
CMY	1.0000, 0.0275, 0.1882
CMYK	1.00, 0.00, 0.17, 0.03
HSL	170°, 100%, 49%
HSV	170°, 100%, 97%
XYZ	44.8299, 71.6398, 70.4966
YIQ	169.1740, -134.6470, -65.3270

Conversions

Conversions Part 2

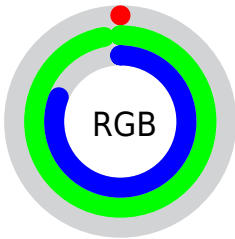
Format	Color
RYB	0, 135, 248
Decimal	63695
CIELab	87.79, -58.19, 5.94
CIELCh	88, 58.488, 174.175
Yxy	71.6398, 0.2398, 0.3832
Android (android.graphics.Color)	4278253775 (0xFF00F8CF)
YUV	169.1740, 18.6482, -148.3656
Hunter-Lab	84.6403, -53.5777, 9.8658

Details

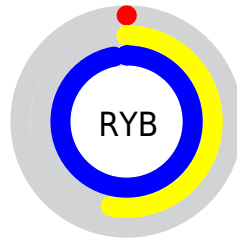
The YUV color **169.1740, 18.6482, -148.3656** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **78.8260, -18.6482, 148.3656**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1400, 20.6370, -86.0688**, and **128.9720, 11.8458, -113.1084** is the 20% darker color. If you saturate the color by 10%, you get **169.1740, 18.6482, -148.3656**, and if you desaturate by 10%, it is **177.1050, 16.7102, -133.3961**.

Distribution



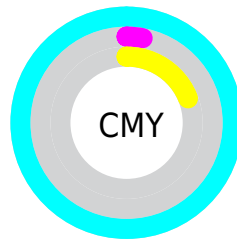
- Red (0%)
- Green (97%)
- Blue (81%)



- Red (0%)
- Yellow (53%)
- Blue (97%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (3%)



- Cyan (100%)
- Magenta (3%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.1740, 18.6482, -148.3656 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 169.1740, 18.6482, -148.3656 by changing the saturation by 10% instead.

169.1740, 18.6482,
-148.3656

169.1740, 18.6482,
-148.3656

255.0000, 0.0000,
0.0000

148.9590, 14.8102,
-130.6370

213.1400, 20.6370,
-86.0688

128.9720, 11.8458,
-113.1084

223.6050, 15.4777,
-64.5516

109.5720, 8.5920,
-96.0946

233.4720, 10.6133,
-44.2639

90.8730, 5.4856,
-79.6956

243.3390, 5.7489,
-23.9763

72.8750, 2.5266,
-63.9114

252.9070, 1.0318,
-4.3034

54.9910, 0.0044,
-48.2271

37.9220, -1.9335,

-33.2576

■ 21.9130, -4.8871,
-19.2177

■ 0.0000, 0.0000,
0.0000

■ 169.1740, 18.6482,
-148.3656

■ 177.1050, 16.7102,
-133.3961

■ 185.0360, 14.7723,
-118.4266

■ 192.6680, 12.9817,
-104.0718

■ 200.5990, 11.0437,
-89.1023

■ 208.6440, 9.5425,
-74.2328

■ 216.5750, 7.6045,
-59.2633

■ 224.5060, 5.6665,
-44.2938

■ 232.1380, 3.8760,
-29.9390

■ 240.0690, 1.9380,
-14.9695

Harmonies

Analogous

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



201.9540, -24.1343, -52.5797



169.1740, 18.6482, -148.3656



174.6460, 39.6145, -153.1645

Triad

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



169.1740, 18.6482, -148.3656



214.5320, 19.9507, -5.7286



204.4700, -36.2207, 44.3148

Complementary

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



169.1740, 18.6482, -148.3656



78.8260, -18.6482, 148.3656

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.



200.4360, -11.0609, 47.8526



169.1740, 18.6482, -148.3656



216.2580, 19.0998, 33.9767

Square

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



169.1740, 18.6482, -148.3656



191.8980, 31.1093, -84.9795



205.5320, 13.5417, 43.3834



213.4740, -52.4917, 36.4183

Rectangle

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



169.1740, 18.6482, -148.3656



172.8850, 40.4827, -151.6201



205.5320, 13.5417, 43.3834



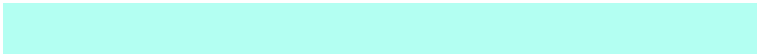
202.5440, -28.3692, 46.0039

Sweetspot

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



169.1740, 18.6482, -148.3656



230.7940, 5.5246, -45.4233



157.8350, -77.8127, -102.4643



113.3340, 3.2863, -27.4799



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.



169.1740, 18.6482, -148.3656



173.9670, 19.2433, -152.5691



125.1270, 60.5764, -109.7364



120.8850, 1.0427, -7.7921



128.9550, 14.3192, -113.0935



41.6210, 4.6238, -36.5016

Inverse Universe

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



78.8260, -18.6482, 148.3656



81.0330, -19.2433, 152.5691



122.8730, -60.5764, 109.7364



116.2290, -0.6059, 7.6922



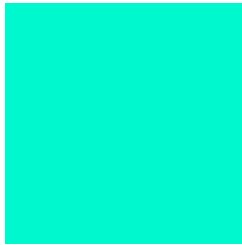
60.0450, -14.3192, 113.0935



19.3790, -4.6238, 36.5016

Previews

White Background



This preview shows how the YUV color 169.1740, 18.6482, -148.3656 looks on a white background.

Color Contrast Check

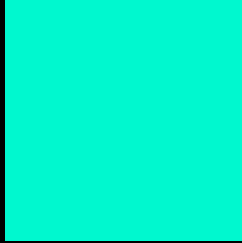
Large Text (above 18pt) WCAG AA × Fail

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 169.1740, 18.6482, -148.3656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

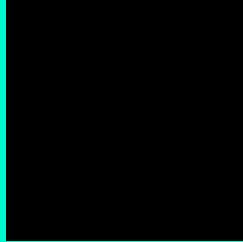
Any Text WCAG AA ✓ Pass

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 169.1740, 18.6482, -148.3656 Background



This preview shows how black text looks on a background with the YUV color 169.1740, 18.6482, -148.3656.

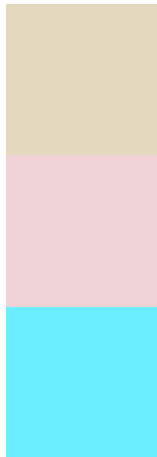


This preview shows how white text looks on a background with the YUV color 169.1740, 18.6482, -148.3656.

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



Protanopia

217.3250, -12.9782, 9.3620

Deuteranopia

220.1270, -2.5276, 17.4286

Tritanopia

200.7690, 26.7359, -82.2354

Trichromacy



Protanomaly

199.6490, -1.3060, -47.9272

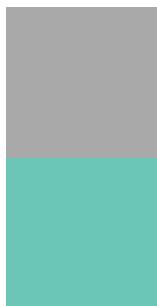
Deuteranomaly

201.4030, 5.2243, -42.4494

Tritanomaly

189.5180, 23.9016, -106.5713

Monochromacy



Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.3800, 6.7147, -53.8303

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.1740, 18.6482, -148.3656 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(0, 248, 207)` looks like.

```
.text, #text, p{  
    color:rgb(0, 248, 207)  
}
```

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(0, 248, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 248, 207) }
```

Border

The CSS property to change the border of an element to YUV 169.1740, 18.6482, -148.3656 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(0, 248, 207) }
```

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

```
.border{ border-color:rgb(0, 248, 207) }
```

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

Here you see how a box with a 4 pixel rgb(0, 248, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 248, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 248, 207);  
box-shadow:4px 4px 4px 4px rgb(0, 248,  
207) }
```


Background

The CSS property to change the background color of an element to YUV 169.1740, 18.6482, -148.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 248, 207) }
```

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

```
.background{ background-color: rgb(0, 248,  
207) }
```

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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