

Converting Colors

YUV(130.9780, 9.3778,
-114.8677)

Have a look what the booklet for
YUV(130.9780, 9.3778, -114.8677)
contains.

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Color

**YUV(130.9780, 9.3778,
-114.8677)**

Conversions

Conversions Part 1

Format	Color
Hex	00C296
RGB	0, 194, 150
RGB Percent	0%, 76%, 59%
CMY	1.0000, 0.2392, 0.4118
CMYK	1.00, 0.00, 0.23, 0.24
HSL	166°, 100%, 38%
HSV	166°, 100%, 76%
XYZ	24.7968, 40.7856, 35.4196
YIQ	130.9780, -101.5000, -54.8120

Conversions

Conversions Part 2

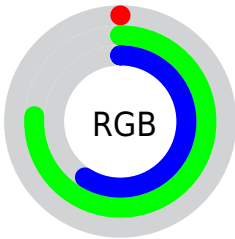
Format	Color
RYB	0, 109, 194
Decimal	49814
CIELab	70.03, -51.31, 10.77
CIELCh	70, 52.429, 168.145
Yxy	40.7856, 0.2455, 0.4038
Android (android.graphics.Color)	4278239894 (0xFF00C296)
YUV	130.9780, 9.3778, -114.8677
Hunter-Lab	63.8636, -42.4537, 11.8215

Details

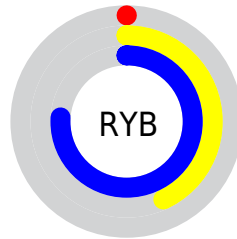
The YUV color **130.9780, 9.3778, -114.8677** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **63.0220, -9.3778, 114.8677**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.7810, 1.5870, -89.2619**, and **92.8790, 3.0177, -81.4549** is the 20% darker color. If you saturate the color by 10%, you get **130.9780, 9.3778, -114.8677**, and if you desaturate by 10%, it is **137.1150, 8.3243, -103.5869**.

Distribution



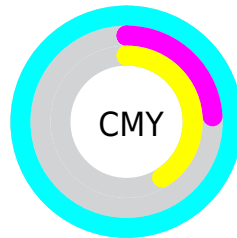
- Red (0%)
- Green (76%)
- Blue (59%)



- Red (0%)
- Yellow (43%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.9780, 9.3778, -114.8677 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 130.9780, 9.3778, -114.8677 by changing the saturation by 10% instead.

 130.9780, 9.3778,
-114.8677


 130.9780, 9.3778,
-114.8677


255.0000, 0.0000,
0.0000


 111.5780, 6.1240,
-97.8539


 200.7810, 1.5870,
-89.2619

 92.8790, 3.0177,
-81.4549


 215.6010, 8.0847,
-73.3181


 74.8810, 0.0587,
-65.6706


 227.4920, 13.5614,
-56.5595

 57.1110, -2.0267,
-50.0863

 236.4620, 9.1392,
-38.1162

 39.9280, -4.4015,
-35.0169

 245.7310, 4.5696,
-19.0581

 24.3920, -8.0813,
-21.3918

 0.0000, 0.0000,

■ 130.9780, 9.3778,
-114.8677

■ 137.1150, 8.3243,
-103.5869

■ 143.6650, 7.5602,
-91.7912

■ 149.8020, 6.5066,
-80.5104

■ 156.3520, 5.7425,
-68.7147

■ 162.4890, 4.6889,
-57.4339

■ 168.6260, 3.6354,
-46.1530

■ 175.1760, 2.8712,
-34.3574

■ 181.3130, 1.8177,
-23.0765

■ 187.8630, 1.0535,
-11.2809

Harmonies

Analogous

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



157.0100, -25.6409, -35.9658



130.9780, 9.3778, -114.8677



137.1510, 30.4916, -120.2814

Triad

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



130.9780, 9.3778, -114.8677



169.2690, 42.2654, -23.0379



170.0090, -33.5284, 67.5211

Complementary

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



130.9780, 9.3778, -114.8677



63.0220, -9.3778, 114.8677

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.



170.1450, -12.8895, 74.4178



130.9780, 9.3778, -114.8677



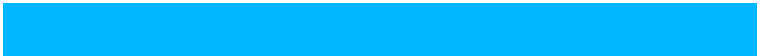
176.1680, 29.0042, 30.5477

Square

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



130.9780, 9.3778, -114.8677



135.9040, 58.7143, -119.1878



174.7090, 8.5245, 66.0302



168.0430, -45.3772, 41.1813

Rectangle

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



130.9780, 9.3778, -114.8677



139.3970, 44.1743, -122.2512



174.7090, 8.5245, 66.0302



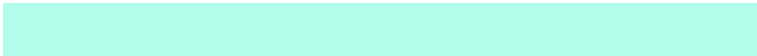
170.6490, -27.4350, 73.0988

Sweetspot

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



130.9780, 9.3778, -114.8677



227.6370, 3.6300, -44.4086



127.3330, -62.7752, -72.2060



112.9920, 1.9759, -27.1800



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.



130.9780, 9.3778, -114.8677



170.1540, 12.2491, -149.2251



105.4700, 43.6453, -92.4972



93.7820, 0.6005, -5.9478



108.6430, 7.5710, -95.2799



22.3350, 1.8068, -19.5878

Inverse Universe

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



63.0220, -9.3778, 114.8677



81.8460, -12.2491, 149.2251



88.5300, -43.6453, 92.4972



90.2180, -0.6005, 5.9478



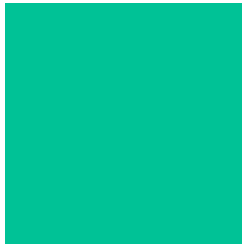
52.2430, -8.0078, 95.3799



10.7790, -1.3700, 19.4878

Previews

White Background



This preview shows how the YUV color 130.9780, 9.3778, -114.8677 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 130.9780, 9.3778, -114.8677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

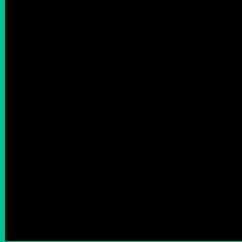
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

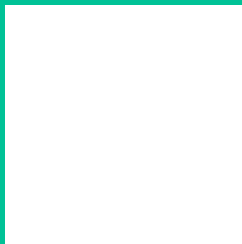
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 130.9780, 9.3778, -114.8677

Background



This preview shows how black text looks on a background with the YUV color 130.9780, 9.3778, -114.8677.



This preview shows how white text looks on a background with the YUV color 130.9780, 9.3778, -114.8677.

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

130.9780, 9.3778, -114.8677

Protanopia

169.3420, -15.4516, 9.3471

Deuteranopia

171.2750, -7.0376, 17.2988



Tritanopia

151.0360, 25.1253, -78.9616

Trichromacy



Original Color

130.9780, 9.3778, -114.8677



Protanomaly

155.6460, -6.7275, -35.6465



Deuteranomaly

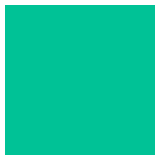
156.7590, -1.3602, -30.4836



Tritanomaly

144.0530, 19.2009, -92.1315

Monochromacy



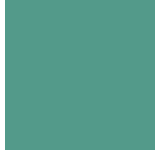
Original Color

130.9780, 9.3778, -114.8677



Achromatopsia

131.0000, 0.0000, 0.0000



Achromatomaly

130.9470, 3.4771, -42.0495

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.9780, 9.3778, -114.8677 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, 194, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 194, 150)  
}
```

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, 194, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 194, 150) }
```

Border

The CSS property to change the border of an element to YUV 130.9780, 9.3778, -114.8677 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, 194, 150) }
```


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

```
.border{ border-color:rgb(0, 194, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 194, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 194, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 194, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 194,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 130.9780, 9.3778, -114.8677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 194, 150) }
```

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

```
.background{ background-color: rgb(0, 194,  
150) }
```

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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