

Converting Colors

YUV(140.9800, 19.7299,
-121.8855)

Have a look what the booklet for
YUV(140.9800, 19.7299, -121.8855)
contains.

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Color

**YUV(140.9800, 19.7299,
-121.8855)**

Conversions

Conversions Part 1

Format	Color
Hex	02CCB5
RGB	2, 204, 181
RGB Percent	1%, 80%, 71%
CMY	0.9922, 0.2000, 0.2902
CMYK	0.99, 0.00, 0.11, 0.20
HSL	173°, 98%, 40%
HSV	173°, 99%, 80%
XYZ	29.9584, 46.5348, 51.1192
YIQ	140.9800, -113.0090, -49.9770

Conversions

Conversions Part 2

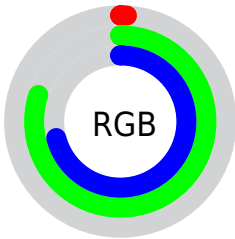
Format	Color
RYB	2, 109, 204
Decimal	183477
CIELab	73.89, -47.19, -0.46
CIELCh	74, 47.189, 180.556
Yxy	46.5348, 0.2348, 0.3647
Android (android.graphics.Color)	4278373557 (0xFF02CCB5)
YUV	140.9800, 19.7299, -121.8855
Hunter-Lab	68.2164, -40.9875, 3.3215

Details

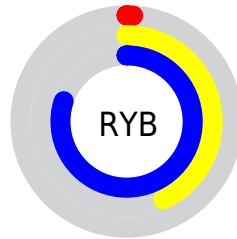
The YUV color **140.9800, 19.7299, -121.8855** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **65.0200, -19.7299, 121.8855**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.7990, 14.3961, -91.0317**, and **102.0550, 12.7909, -89.5022** is the 20% darker color. If you saturate the color by 10%, you get **140.3820, 20.0247, -123.1150**, and if you desaturate by 10%, it is **147.1880, 17.6553, -109.7899**.

Distribution



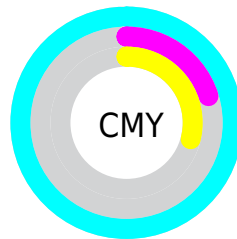
- Red (1%)
- Green (80%)
- Blue (71%)



- Red (1%)
- Yellow (43%)
- Blue (80%)



- Cyan (99%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)



- Cyan (99%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.9800, 19.7299, -121.8855 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 140.9800, 19.7299, -121.8855 by changing the saturation by 10% instead.

■ 140.9800, 19.7299,
-121.8855

■ 140.9800, 19.7299,
-121.8855

■ 255.0000, 0.0000,
0.0000

■ 120.8680, 16.3341,
-106.0012

■ 207.7990, 14.3961,
-91.0317

■ 102.0550, 12.7909,
-89.5022

■ 219.7180, 17.3940,
-72.5437

■ 83.3560, 9.6845,
-73.1032

■ 229.2860, 12.6770,
-52.8708

■ 65.3580, 6.7255,
-57.3190

■ 238.5550, 8.1074,
-33.8127

■ 48.1750, 4.3507,
-42.2495

■ 247.8240, 3.5378,
-14.7546

■ 32.1660, 1.3972,
-28.2096

■ 14.5100, -0.2514,

-12.7253

■ 0.0000, 0.0000,
0.0000

■ 140.9800, 19.7299,
-121.8855

■ 140.9800, 19.7299,
-121.8855

■ 140.3820, 20.0247,
-123.1150

■ 147.1880, 17.6553,
-109.7899

■ 153.8090, 15.8702,
-97.1795

■ 160.0170, 13.7956,
-85.0839

■ 166.5240, 11.5737,
-72.3735

■ 172.8460, 9.9359,
-60.3779

■ 179.0540, 7.8614,
-48.2824

■ 185.5610, 5.6394,
-35.5720

■ 191.8830, 4.0017,
-23.5764

■ 198.3900, 1.7797,
-10.8660

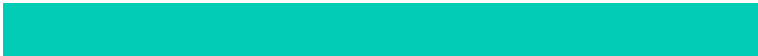
Harmonies

Analogous

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



165.6090, -14.1042, -49.6461



140.9800, 19.7299, -121.8855



144.6970, 39.0964, -126.8993

Triad

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



140.9800, 19.7299, -121.8855



184.4740, 34.7693, 1.3383



180.8240, -36.3952, 53.6514

Complementary

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



140.9800, 19.7299, -121.8855



65.0200, -19.7299, 121.8855

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.



180.8420, -20.1351, 65.0366



140.9800, 19.7299, -121.8855



186.6120, 18.9253, 43.3133

Square

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



140.9800, 19.7299, -121.8855



171.7400, 41.0472, -52.3920



182.8090, 0.0942, 63.3115



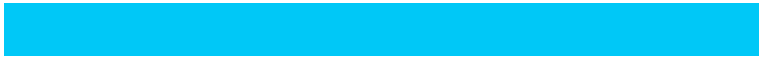
177.8670, -41.8394, 26.4266

Rectangle

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



140.9800, 19.7299, -121.8855



145.5580, 50.0109, -127.6544



182.8090, 0.0942, 63.3115



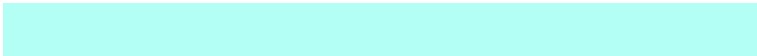
181.6060, -32.3438, 60.8585

Sweetspot

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



140.9800, 19.7299, -121.8855



231.2500, 7.2717, -45.8233



127.7500, -61.9947, -89.2347



113.5620, 4.1599, -27.6799



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.



140.9800, 19.7299, -121.8855



175.4490, 24.9216, -153.8688



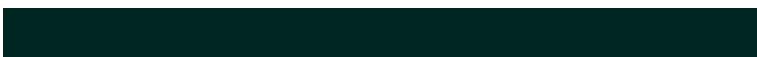
98.4030, 52.0593, -84.5454



98.8960, 1.0373, -6.0478



114.2000, 16.1704, -100.1534



26.1820, 3.8543, -22.9616

Inverse Universe

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



65.0200, -19.7299, 121.8855



79.5510, -24.9216, 153.8688



107.5970, -52.0593, 84.5454



95.1040, -1.0373, 6.0478



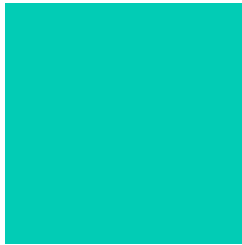
51.8000, -16.1704, 100.1534



11.8180, -3.8543, 22.9616

Previews

White Background



This preview shows how the YUV color 140.9800, 19.7299, -121.8855 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 140.9800, 19.7299, -121.8855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

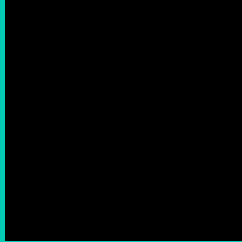
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

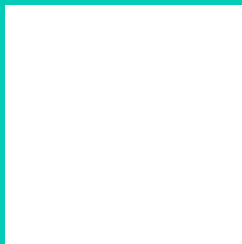
Any Text WCAG AAA ✓ Pass

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

YUV 140.9800, 19.7299, -121.8855 Background



This preview shows how black text looks on a background with the YUV color 140.9800, 19.7299, -121.8855.

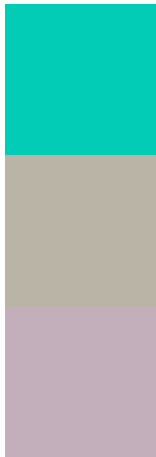


This preview shows how white text looks on a background with the YUV color 140.9800, 19.7299, -121.8855.

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

140.9800, 19.7299, -121.8855

Protanopia

180.3120, -6.5628, 4.9884

Deuteranopia

182.0490, 2.4408, 10.4810



Tritanopia

157.1700, 28.5102, -91.3571

Trichromacy



Original Color

140.9800, 19.7299, -121.8855



Protanomaly

166.1320, 2.8929, -41.3348



Deuteranomaly

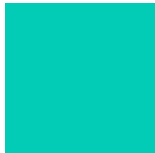
167.3480, 8.7024, -38.0162



Tritanomaly

151.2950, 25.4906, -102.8677

Monochromacy



Original Color

140.9800, 19.7299, -121.8855



Achromatopsia

141.0000, 0.0000, 0.0000



Achromatomaly

140.9620, 7.4137, -44.6937

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.9800, 19.7299, -121.8855 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(2, 204, 181)` looks like.

```
.text, #text, p{  
    color:rgb(2, 204, 181)  
}
```

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(2, 204, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 204, 181) }
```

Border

The CSS property to change the border of an element to YUV 140.9800, 19.7299, -121.8855 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(2, 204, 181) }
```


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

```
.border{ border-color:rgb(2, 204, 181) }
```

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

Here you see how a box with a 4 pixel rgb(2, 204, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 204, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 204, 181);  
box-shadow:4px 4px 4px 4px rgb(2, 204,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 140.9800, 19.7299, -121.8855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 204, 181) }
```

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

```
.background{ background-color: rgb(2, 204,  
181) }
```

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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