

Converting Colors

YUV(148.2270, 11.7201,
-119.4711)

Have a look what the booklet for
YUV(148.2270, 11.7201, -119.4711)
contains.

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Color

**YUV(148.2270, 11.7201,
-119.4711)**

Conversions

Conversions Part 1

Format	Color
Hex	0CD5AC
RGB	12, 213, 172
RGB Percent	5%, 84%, 67%
CMY	0.9529, 0.1647, 0.3255
CMYK	0.94, 0.00, 0.19, 0.16
HSL	168°, 89%, 44%
HSV	168°, 94%, 84%
XYZ	31.3923, 50.6452, 47.1507
YIQ	148.2270, -106.6350, -55.3630

Conversions

Conversions Part 2

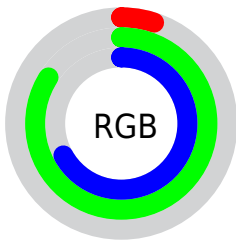
Format	Color
RYB	12, 124, 213
Decimal	841132
CIELab	76.46, -52.93, 8.11
CIELCh	76, 53.548, 171.291
Yxy	50.6452, 0.2430, 0.3920
Android (android.graphics.Color)	4279031212 (0xFF0CD5AC)
YUV	148.2270, 11.7201, -119.4711
Hunter-Lab	71.1655, -45.8002, 10.5332

Details

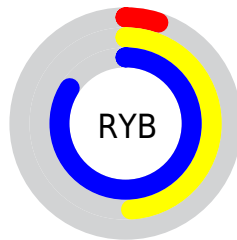
The YUV color **148.2270, 11.7201, -119.4711** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **76.7730, -11.7201, 119.4711**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.5560, 9.5859, -88.1876**, and **105.8390, 6.9814, -92.8208** is the 20% darker color. If you saturate the color by 10%, you get **144.4110, 12.6154, -126.6484**, and if you desaturate by 10%, it is **154.9620, 10.3717, -106.9607**.

Distribution



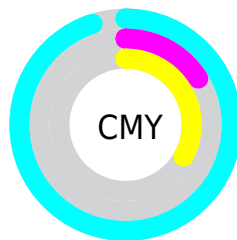
- Red (5%)
- Green (84%)
- Blue (67%)



- Red (5%)
- Yellow (49%)
- Blue (84%)



- Cyan (94%)
- Magenta (0%)
- Yellow (19%)
- Black (16%)



- Cyan (95%)
- Magenta (16%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.2270, 11.7201, -119.4711 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 148.2270, 11.7201, -119.4711 by changing the saturation by 10% instead.

■ 148.2270, 11.7201,
-119.4711

■ 148.2270, 11.7201,
-119.4711

■ 255.0000, 0.0000,
0.0000

■ 125.1250, 9.7984,
-109.7346

■ 207.5560, 9.5859,
-88.1876

■ 105.8390, 6.9814,
-92.8208

■ 220.6150, 16.9518,
-70.6994

■ 87.1400, 3.8750,
-76.4218

■ 230.1830, 12.2348,
-51.0265

■ 69.1420, 0.9160,
-60.6375

■ 239.4520, 7.6652,
-31.9684

■ 51.9590, -1.4588,
-45.5680

■ 248.7210, 3.0955,
-12.9103

■ 34.8900, -3.3968,
-30.5985

■ 18.5390, -7.6607,

-16.2587

■ 0.0000, 0.0000,
0.0000

■ 148.2270, 11.7201,
-119.4711

■ 148.2270, 11.7201,
-119.4711

■ 144.4110, 12.6154,
-126.6484

■ 154.9620, 10.3717,
-106.9607

■ 162.1100, 9.3128,
-93.9355

■ 168.8450, 7.9644,
-81.4251

■ 175.5800, 6.6161,
-68.9147

■ 182.4290, 5.7045,
-56.5042

■ 189.4630, 4.2087,
-43.3791

■ 196.1980, 2.8604,
-30.8686

■ 203.0470, 1.9488,
-18.4582

■ 210.0810, 0.4531,
-5.3330

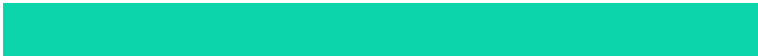
Harmonies

Analogous

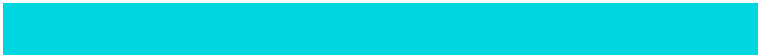
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



173.0200, -24.1669, -42.1135



148.2270, 11.7201, -119.4711



151.0400, 35.4763, -132.4621

Triad

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



148.2270, 11.7201, -119.4711



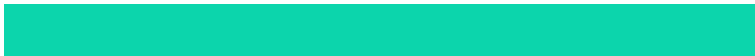
185.8480, 34.0919, -14.7757



184.8080, -35.4013, 61.5584

Complementary

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



148.2270, 11.7201, -119.4711



76.7730, -11.7201, 119.4711

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.



181.3780, -13.0044, 64.5665



148.2270, 11.7201, -119.4711



194.2720, 27.9669, 36.5955

Square

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



148.2270, 11.7201, -119.4711



161.7410, 45.9767, -93.6119



187.0780, 8.8355, 59.5676



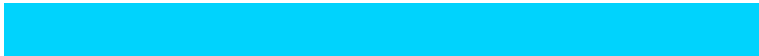
185.4620, -47.5558, 39.9368

Rectangle

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



148.2270, 11.7201, -119.4711



152.6990, 49.4484, -133.9170



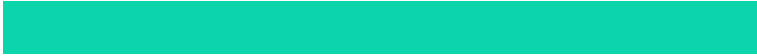
187.0780, 8.8355, 59.5676



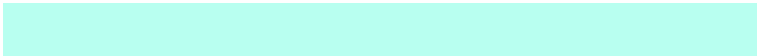
182.7680, -27.9866, 63.3475

Sweetspot

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



148.2270, 11.7201, -119.4711



232.0610, 3.9139, -42.1495



143.1430, -64.6535, -76.4244



113.8180, 2.5547, -26.1504



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.



148.2270, 11.7201, -119.4711



172.8270, 14.8753, -151.5693



119.4420, 46.1241, -94.2266



103.4830, 0.7479, -6.5626



115.8810, 9.9187, -101.6276



29.2310, 2.8441, -25.6356

Inverse Universe

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



76.7730, -11.7201, 119.4711



82.1730, -14.8753, 151.5693



105.5580, -46.1241, 94.2266



99.6310, -0.3111, 6.4626



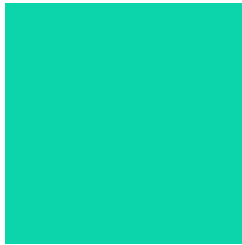
55.1190, -9.9187, 101.6276



13.8830, -2.4073, 25.5356

Previews

White Background



This preview shows how the YUV color 148.2270, 11.7201, -119.4711 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 148.2270, 11.7201, -119.4711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

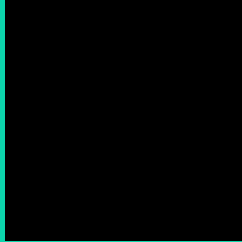
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

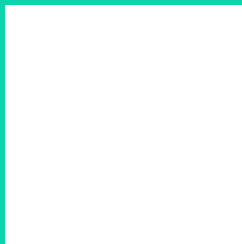
Any Text WCAG AAA ✓ Pass

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

YUV 148.2270, 11.7201, -119.4711 Background



This preview shows how black text looks on a background with the YUV color 148.2270, 11.7201, -119.4711.

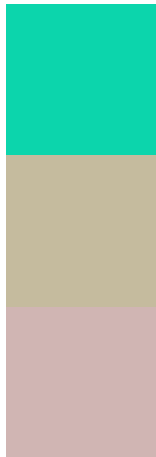


This preview shows how white text looks on a background with the YUV color 148.2270, 11.7201, -119.4711.

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

148.2270, 11.7201, -119.4711

Protanopia

186.6840, -14.1412, 9.0471

Deuteranopia

188.8450, -4.8536, 16.7989



Tritanopia

165.4800, 28.3574, -88.9980

Trichromacy



Original Color

148.2270, 11.7201, -119.4711



Protanomaly

172.5040, -4.6855, -37.2760



Deuteranomaly

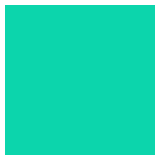
174.3180, 0.8292, -32.7279



Tritanomaly

159.3940, 21.9908, -100.3235

Monochromacy



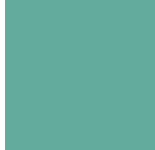
Original Color

148.2270, 11.7201, -119.4711



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

148.4630, 4.2087, -43.3791

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.2270, 11.7201, -119.4711 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(12, 213, 172)` looks like.

```
.text, #text, p{  
    color:rgb(12, 213, 172)  
}
```

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(12, 213, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 213, 172) }
```

Border

The CSS property to change the border of an element to YUV 148.2270, 11.7201, -119.4711 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(12, 213, 172) }
```


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

```
.border{ border-color:rgb(12, 213, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 213, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(12, 213, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(12, 213, 172); box-shadow:4px 4px 4px 4px rgb(12, 213, 172) }
```

Background

The CSS property to change the background color of an element to YUV 148.2270, 11.7201, -119.4711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 213, 172) }
```

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

```
.background{ background-color: rgb(12, 213,  
172) }
```

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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