

Converting Colors

YUV(159.4720, 26.8823,
-129.3329)

Have a look what the booklet for
YUV(159.4720, 26.8823, -129.3329)
contains.

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Color

**YUV(159.4720, 26.8823,
-129.3329)**

Conversions

Conversions Part 1

Format	Color
Hex	0CE0D6
RGB	12, 224, 214
RGB Percent	5%, 88%, 84%
CMY	0.9529, 0.1216, 0.1608
CMYK	0.95, 0.00, 0.04, 0.12
HSL	177°, 90%, 46%
HSV	177°, 95%, 88%
XYZ	38.9449, 58.2445, 72.8080
YIQ	159.4720, -123.1420, -48.0540

Conversions

Conversions Part 2

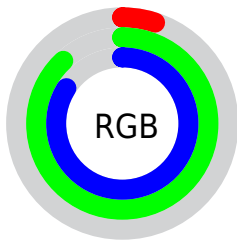
Format	Color
R _{YB}	12, 121, 224
Decimal	843990
CIE Lab	80.87, -46.19, -7.87
CIE LCh	81, 46.857, 189.665
Yxy	58.2445, 0.2291, 0.3426
Android (android.graphics.Color)	4279034070 (0xFF0CE0D6)
YUV	159.4720, 26.8823, -129.3329
Hunter-Lab	76.3181, -42.4687, -3.1404

Details

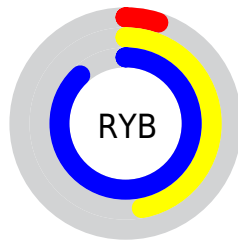
The YUV color **159.4720, 26.8823, -129.3329** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **76.5280, -26.8823, 129.3329**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.5420, 20.9318, -87.2983**, and **116.7420, 20.8332, -102.3827** is the 20% darker color. If you saturate the color by 10%, you get **155.7700, 28.2144, -136.6103**, and if you desaturate by 10%, it is **166.1640, 24.0761, -115.9078**.

Distribution



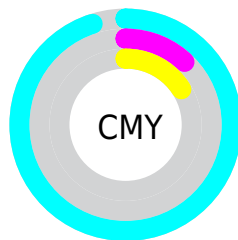
- Red (5%)
- Green (88%)
- Blue (84%)



- Red (5%)
- Yellow (47%)
- Blue (88%)



- Cyan (95%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)



- Cyan (95%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.4720, 26.8823, -129.3329 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 159.4720, 26.8823, -129.3329 by changing the saturation by 10% instead.

■ 159.4720, 26.8823,
-129.3329

■ 159.4720, 26.8823,
-129.3329

■ 255.0000, 0.0000,
0.0000

■ 136.2560, 24.5238,
-119.4965

■ 212.5420, 20.9318,
-87.2983

■ 116.7420, 20.8332,
-102.3827

■ 222.7080, 15.9200,
-66.3959

■ 97.9290, 17.2900,
-85.8837

■ 232.2760, 11.2029,
-46.7231

■ 79.2300, 14.1836,
-69.4847

■ 241.8440, 6.4859,
-27.0502

■ 61.8190, 10.9352,
-54.2153

■ 251.4120, 1.7689,
-7.3773

■ 44.5220, 8.1237,
-39.0458

■ 29.6870, 4.5913,

-26.0355

■ 6.2750, 6.2734,
-5.5032

■ 0.0000, 0.0000,
0.0000

■ 159.4720, 26.8823,
-129.3329

■ 159.4720, 26.8823,
-129.3329

■ 155.7700, 28.2144,
-136.6103

■ 166.1640, 24.0761,
-115.9078

■ 173.1550, 21.1226,
-101.8679

■ 179.8470, 18.3164,
-88.4428

■ 186.8380, 15.3629,
-74.4029

■ 193.5300, 12.5567,
-60.9778

■ 200.2220, 9.7506,
-47.5527

■ 207.2130, 6.7970,
-33.5128

■ 213.9050, 3.9908,
-20.0877

■ 221.0100, 1.4741,
-6.1478

Harmonies

Analogous

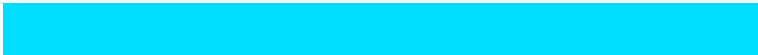
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



182.4700, -6.6407, -63.5562



159.4720, 26.8823, -129.3329



158.7970, 47.4281, -139.2650

Triad

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



159.4720, 26.8823, -129.3329



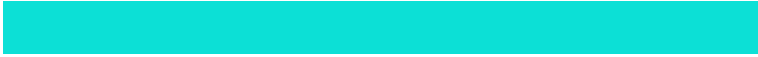
204.0540, 25.1164, 17.4926



199.8680, -39.8679, 47.4738

Complementary

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



159.4720, 26.8823, -129.3329



76.5280, -26.8823, 129.3329

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.



194.5540, -23.4441, 53.0111



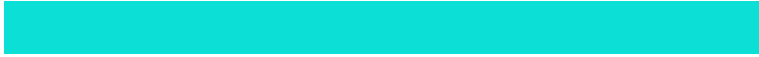
159.4720, 26.8823, -129.3329



202.4830, 14.5519, 46.0574

Square

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



159.4720, 26.8823, -129.3329



193.7120, 30.2150, -31.3194



195.1190, -3.5097, 52.5156



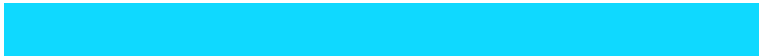
196.3280, -41.0807, 16.3753

Rectangle

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



159.4720, 26.8823, -129.3329



160.9340, 46.3745, -127.9841



195.1190, -3.5097, 52.5156



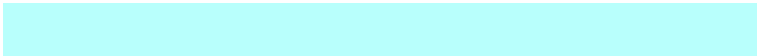
198.0300, -35.5108, 49.9627

Sweetspot

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



159.4720, 26.8823, -129.3329



233.4290, 9.1555, -43.3492



139.7330, -62.9724, -102.3748



114.5020, 5.1755, -26.7503



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.



159.4720, 26.8823, -129.3329



177.3870, 32.3472, -155.5684



104.8470, 58.7424, -81.4268



108.7110, 1.6215, -6.7625



122.4640, 22.4492, -107.4009



33.4200, 6.2019, -29.3093

Inverse Universe

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



76.5280, -26.8823, 129.3329



77.6130, -32.3472, 155.5684



131.1530, -58.7424, 81.4268



104.4030, -1.1847, 6.6626



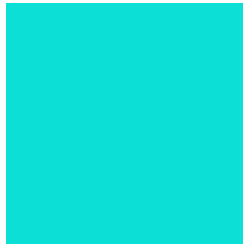
53.5360, -22.4492, 107.4009



14.5800, -6.2019, 29.3093

Previews

White Background



This preview shows how the YUV color 159.4720, 26.8823, -129.3329 looks on a white background.

Color Contrast Check

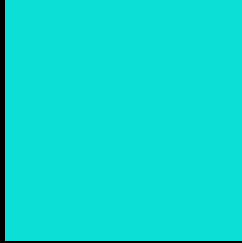
Large Text (above 18pt) WCAG AA × Fail

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 159.4720, 26.8823, -129.3329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

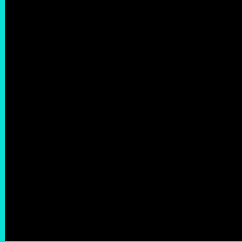
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

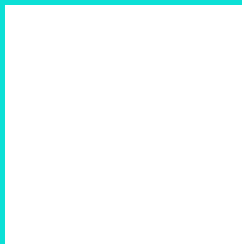
Any Text WCAG AAA ✓ Pass

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

YUV 159.4720, 26.8823, -129.3329 Background



This preview shows how black text looks on a background with the YUV color 159.4720, 26.8823, -129.3329.



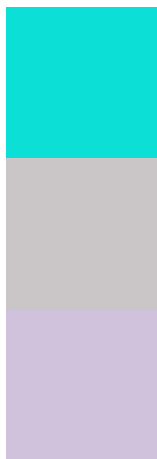
This preview shows how white text looks on a background with the YUV color 159.4720, 26.8823, -129.3329.

-129.3329.

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

159.4720, 26.8823, -129.3329

Protanopia

199.3100, -0.1528, 2.3591

Deuteranopia

201.2640, 9.7298, 5.9075



Tritanopia

171.2220, 32.9216, -106.3117

Trichromacy



Original Color

159.4720, 26.8823, -129.3329



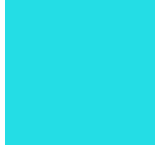
Protanomaly

184.5320, 9.5977, -45.1936



Deuteranomaly

186.1500, 15.7020, -43.1046



Tritanomaly

166.5970, 30.7647, -114.5336

Monochromacy



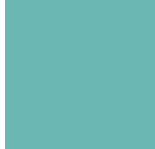
Original Color

159.4720, 26.8823, -129.3329



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

159.5210, 9.6031, -46.9379

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.4720, 26.8823, -129.3329 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, 224, 214)` looks like.

```
.text, #text, p{  
    color:rgb(12, 224, 214)  
}
```

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, 224, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 224, 214) }
```

Border

The CSS property to change the border of an element to YUV 159.4720, 26.8823, -129.3329 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, 224, 214) }
```


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

```
.border{ border-color:rgb(12, 224, 214) }
```

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

Here you see how a box with a 4 pixel rgb(12, 224, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 224, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 224, 214);  
box-shadow:4px 4px 4px 4px rgb(12, 224,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 159.4720, 26.8823, -129.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 224, 214) }
```

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

```
.background{ background-color: rgb(12, 224,  
214) }
```

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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