

Converting Colors

YUV(159.0300, -2.9728,
-120.1753)

Have a look what the booklet for
YUV(159.0300, -2.9728, -120.1753)
contains.

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Color

**YUV(159.0300, -2.9728,
-120.1753)**

Conversions

Conversions Part 1

Format	Color
Hex	16E699
RGB	22, 230, 153
RGB Percent	9%, 90%, 60%
CMY	0.9137, 0.0980, 0.4000
CMYK	0.90, 0.00, 0.33, 0.10
HSL	158°, 83%, 49%
HSV	158°, 90%, 90%
XYZ	34.3775, 59.0641, 39.7256
YIQ	159.0300, -99.2510, -68.0430

Conversions

Conversions Part 2

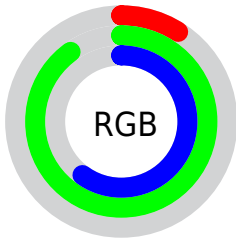
Format	Color
RYB	22, 150, 230
Decimal	1500825
CIELab	81.33, -63.27, 24.89
CIELCh	81, 67.989, 158.522
Yxy	59.0641, 0.2582, 0.4435
Android (android.graphics.Color)	4279690905 (0xFF16E699)
YUV	159.0300, -2.9728, -120.1753
Hunter-Lab	76.8532, -54.6476, 23.1501

Details

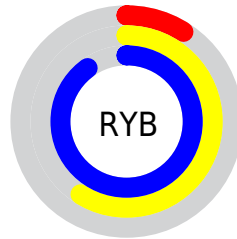
The YUV color **159.0300, -2.9728, -120.1753** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **92.9700, 2.9728, 120.1753**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.1840, 0.4023, -82.5994**, and **113.0650, -5.9480, -99.1580** is the 20% darker color. If you saturate the color by 10%, you get **151.5400, -3.2242, -132.9006**, and if you desaturate by 10%, it is **166.9330, -2.4320, -106.9352**.

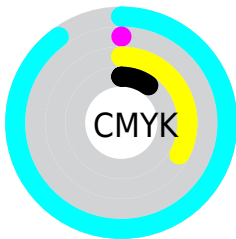
Distribution



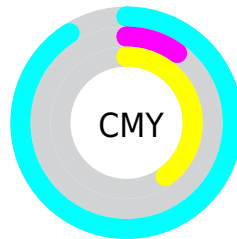
- Red (9%)
- Green (90%)
- Blue (60%)



- Red (9%)
- Yellow (59%)
- Blue (90%)



- Cyan (90%)
- Magenta (0%)
- Yellow (33%)
- Black (10%)



- Cyan (91%)
- Magenta (10%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.0300, -2.9728, -120.1753 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 159.0300, -2.9728, -120.1753 by changing the saturation by 10% instead.

 159.0300, -2.9728,
-120.1753


 159.0300, -2.9728,
-120.1753


255.0000, 0.0000,
0.0000

 132.4650, -2.6942,
-116.1718


 207.1840, 0.4023,
-82.5994

 113.0650, -5.9480,
-99.1580


 220.2430, 7.7682,
-65.1111


 93.8930, -8.3282,
-82.3442


 231.9770, 11.3503,
-47.3378

 75.8950, -11.2872,
-66.5599

 241.2460, 6.7807,
-28.2797

 57.5380, -13.0832,
-50.4608

 250.8140, 2.0637,
-8.6069

 40.2410, -15.8948,
-35.2914

 25.2410, -12.4438,

-22.1364

■ 5.2830, -2.6045,
-4.6332

■ 0.0000, 0.0000,
0.0000

■ 159.0300, -2.9728,
-120.1753

■ 159.0300, -2.9728,
-120.1753


■ 151.5400, -3.2242,
-132.9006


■ 166.9330, -2.4320,
-106.9352

■ 174.7220, -2.3279,
-93.5952


■ 182.6250, -1.7871,
-80.3551


■ 190.4140, -1.6831,
-67.0151

 198.3170, -1.1423,
-53.7750

 206.1060, -1.0383,
-40.4350

 214.0090, -0.4974,
-27.1949

 221.7980, -0.3934,
-13.8548

 229.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



186.2330, -43.9919, -30.0223



159.0300, -2.9728, -120.1753



161.7370, 28.2307, -141.8433

Triad

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



159.0300, -2.9728, -120.1753



182.0180, 35.9801, -60.5288



183.3550, -28.2760, 62.8327

Complementary

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



159.0300, -2.9728, -120.1753



92.9700, 2.9728, 120.1753

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.



181.9770, 1.9833, 64.0412



159.0300, -2.9728, -120.1753



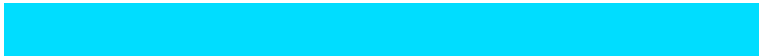
202.0270, 26.1157, 23.6553

Square

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



159.0300, -2.9728, -120.1753



158.7970, 47.4281, -139.2650



194.5560, 27.3339, 53.0094



192.1990, -55.3141, 55.0765

Rectangle

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



159.0300, -2.9728, -120.1753



165.2540, 44.2448, -144.9278



194.5560, 27.3339, 53.0094



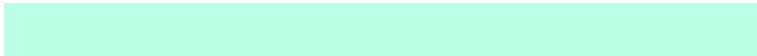
181.4120, -17.9511, 64.5367

Sweetspot

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



159.0300, -2.9728, -120.1753



231.5190, -0.7489, -39.9202



168.0160, -71.9859, -57.8960



113.9170, -0.9451, -23.6062



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.



159.0300, -2.9728, -120.1753



168.0390, -3.4702, -147.3702



153.7200, 37.6060, -115.5184



110.9560, 0.0217, -6.9774



117.8410, -2.8796, -103.3466



33.5850, -0.7814, -29.4540

Inverse Universe

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



92.9700, 2.9728, 120.1753



86.9610, 3.4702, 147.3702



98.2800, -37.6060, 115.5184



107.1580, 0.4151, 6.8774



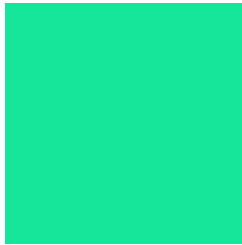
61.0450, 2.4428, 103.4465



17.4150, 0.7814, 29.4540

Previews

White Background



This preview shows how the YUV color 159.0300, -2.9728, -120.1753 looks on a white background.

Color Contrast Check

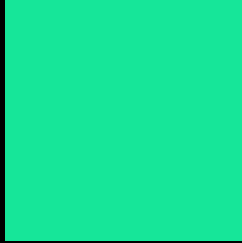
Large Text (above 18pt) WCAG AA × Fail

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 159.0300, -2.9728, -120.1753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

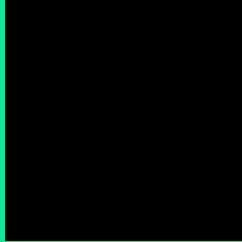
Any Text WCAG AA ✓ Pass

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 159.0300, -2.9728, -120.1753 Background



This preview shows how black text looks on a background with the YUV color 159.0300, -2.9728, -120.1753.



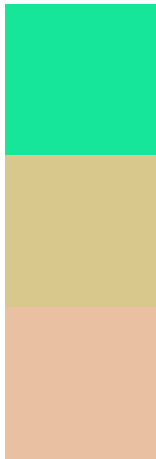
This preview shows how white text looks on a background with the YUV color 159.0300, -2.9728, -120.1753.

-120.1753.

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

159.0300, -2.9728, -120.1753

Protanopia

197.9440, -28.5664, 15.8351

Deuteranopia

200.8390, -19.1476, 28.2052



Tritanopia

180.6760, 27.7677, -86.5389

Trichromacy



Original Color

159.0300, -2.9728, -120.1753



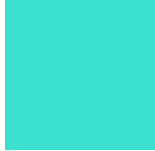
Protanomaly

183.7420, -19.0998, -33.9767



Deuteranomaly

185.6920, -13.1592, -26.0399



Tritanomaly

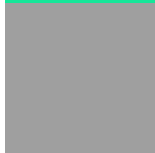
172.9120, 16.3124, -99.0238

Monochromacy



Original Color

159.0300, -2.9728, -120.1753



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

159.0840, -1.0274, -43.9237

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.0300, -2.9728, -120.1753 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(22, 230, 153)` looks like.

```
.text, #text, p{  
    color:rgb(22, 230, 153)  
}
```

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(22, 230, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 230, 153) }
```

Border

The CSS property to change the border of an element to YUV 159.0300, -2.9728, -120.1753 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(22, 230, 153) }
```


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

```
.border{ border-color:rgb(22, 230, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 230, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 230, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 230, 153);  
box-shadow:4px 4px 4px 4px rgb(22, 230,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 159.0300, -2.9728, -120.1753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 230, 153) }
```

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

```
.background{ background-color: rgb(22, 230,  
153) }
```

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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