

Converting Colors

YUV(168.9360, 2.9896,
-119.2159)

Have a look what the booklet for
YUV(168.9360, 2.9896, -119.2159)
contains.

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Color

**YUV(168.9360, 2.9896,
-119.2159)**

Conversions

Conversions Part 1

Format	Color
Hex	21EDAF
RGB	33, 237, 175
RGB Percent	13%, 93%, 69%
CMY	0.8706, 0.0706, 0.3137
CMYK	0.86, 0.00, 0.26, 0.07
HSL	162°, 85%, 53%
HSV	162°, 86%, 93%
XYZ	38.6492, 63.9869, 50.8711
YIQ	168.9360, -101.6820, -62.5300

Conversions

Conversions Part 2

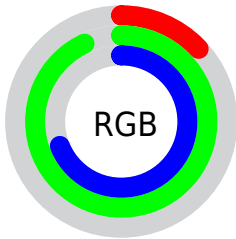
Format	Color
RYB	33, 153, 237
Decimal	2223535
CIELab	83.96, -60.43, 17.15
CIELCh	84, 62.816, 164.154
Yxy	63.9869, 0.2518, 0.4168
Android (android.graphics.Color)	4280413615 (0xFF21EDAF)
YUV	168.9360, 2.9896, -119.2159
Hunter-Lab	79.9918, -53.7406, 18.2885

Details

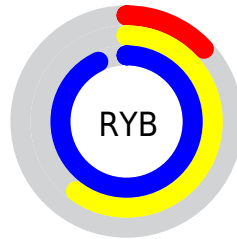
The YUV color **168.9360, 2.9896, -119.2159** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **101.0640, -2.9896, 119.2159**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.6000, 9.5642, -81.2102**, and **119.5680, 1.1990, -104.8611** is the 20% darker color. If you saturate the color by 10%, you get **160.9620, 3.4697, -133.2707**, and if you desaturate by 10%, it is **176.9100, 2.5094, -105.1611**.

Distribution



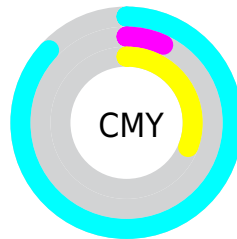
- Red (13%)
- Green (93%)
- Blue (69%)



- Red (13%)
- Yellow (60%)
- Blue (93%)



- Cyan (86%)
- Magenta (0%)
- Yellow (26%)
- Black (7%)



- Cyan (87%)
- Magenta (7%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.9360, 2.9896, -119.2159 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 168.9360, 2.9896, -119.2159 by changing the saturation by 10% instead.

168.9360, 2.9896,
-119.2159

168.9360, 2.9896,
-119.2159

255.0000, 0.0000,
0.0000

138.9680, 4.4528,
-121.8749

211.6000, 9.5642,
-81.2102

119.5680, 1.1990,
-104.8611

224.2030, 15.1829,
-63.3220

100.2820, -1.6180,
-87.9473

233.7710, 10.4659,
-43.6492

81.6970, -4.2876,
-71.6483

243.0400, 5.8963,
-24.5911

63.9270, -6.3730,
-56.0640

252.6080, 1.1793,
-4.9182

46.1570, -8.4584,
-40.4797

30.5070, -12.5750,

-26.7546

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,
0.0000

■ 168.9360, 2.9896,
-119.2159

■ 168.9360, 2.9896,
-119.2159

■ 160.9620, 3.4697,
-133.2707

■ 176.9100, 2.5094,
-105.1611

■ 157.9290, 3.4860,
-138.5037


■ 184.5850, 2.1766,
-91.7210


■ 192.6730, 2.1332,
-77.7662


■ 200.6470, 1.6530,
-63.7114

 208.3220, 1.3203,
-50.2714

 216.2960, 0.8401,
-36.2166

 224.2700, 0.3599,
-22.1618

 232.3580, 0.3165,
-8.2070

 240.0330, -0.0163,
5.2331

Harmonies

Analogous

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



193.0670, -35.5290, -37.7698



168.9360, 2.9896, -119.2159



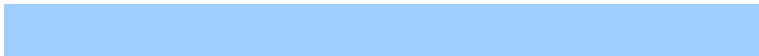
167.1970, 33.9199, -146.6318

Triad

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



168.9360, 2.9896, -119.2159



197.5330, 28.3312, -33.7934



192.5020, -31.3065, 54.8107

Complementary

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



168.9360, 2.9896, -119.2159



101.0640, -2.9896, 119.2159

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.



190.4400, -3.6679, 56.6191



168.9360, 2.9896, -119.2159



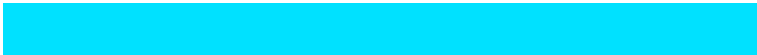
211.2410, 21.5732, 33.9916

Square

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



168.9360, 2.9896, -119.2159



161.1450, 46.2705, -141.3242



199.6280, 21.3824, 48.5612



201.3120, -53.3978, 47.0844

Rectangle

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



168.9360, 2.9896, -119.2159



168.1890, 42.7978, -147.5018



199.6280, 21.3824, 48.5612



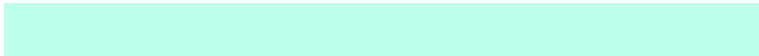
190.9180, -22.1446, 56.1999

Sweetspot

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



168.9360, 2.9896, -119.2159



232.9860, 0.9929, -38.5757



172.1830, -68.6172, -65.0585



114.5580, 0.2179, -23.2914



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.



168.9360, 2.9896, -119.2159



169.9770, 3.9553, -149.0698



154.2850, 40.7785, -106.3669



113.3690, 0.3111, -6.4626



120.6110, 2.6568, -105.7758



35.9160, 0.5344, -31.4983

Inverse Universe

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



101.0640, -2.9896, 119.2159



85.1370, -3.5185, 148.9699



115.7150, -40.7785, 106.3669



109.6310, -0.3111, 6.4626



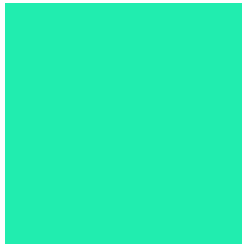
60.3890, -2.6568, 105.7758



17.9700, -0.9712, 31.5983

Previews

White Background



This preview shows how the YUV color 168.9360, 2.9896, -119.2159 looks on a white background.

Color Contrast Check

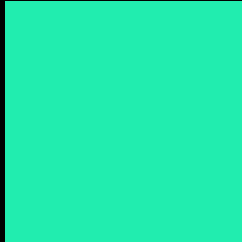
Large Text (above 18pt) WCAG AA × Fail

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 168.9360, 2.9896, -119.2159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

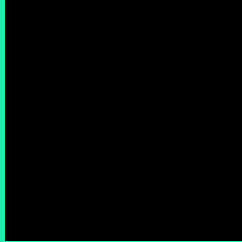
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

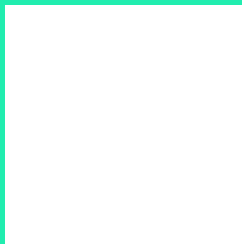
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 168.9360, 2.9896, -119.2159

Background



This preview shows how black text looks on a background with the YUV color 168.9360, 2.9896, -119.2159.

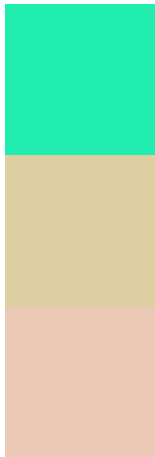


This preview shows how white text looks on a background with the YUV color 168.9360, 2.9896, -119.2159.

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

168.9360, 2.9896, -119.2159

Protanopia

205.9420, -22.1564, 13.2059

Deuteranopia

208.8260, -12.7322, 23.8316



Tritanopia

186.3980, 29.3838, -91.5570

Trichromacy



Original Color

168.9360, 2.9896, -119.2159



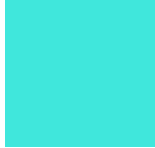
Protanomaly

192.6370, -13.1320, -34.7616



Deuteranomaly

193.9890, -6.8966, -28.0544



Tritanomaly

179.8130, 19.8122, -101.5680

Monochromacy



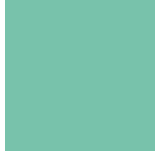
Original Color

168.9360, 2.9896, -119.2159



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

169.2520, 0.8618, -43.1940

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.9360, 2.9896, -119.2159 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(33, 237, 175)` looks like.

```
.text, #text, p{  
    color:rgb(33, 237, 175)  
}
```

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(33, 237, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 237, 175) }
```

Border

The CSS property to change the border of an element to YUV 168.9360, 2.9896, -119.2159 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(33, 237, 175) }
```


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

```
.border{ border-color:rgb(33, 237, 175) }
```

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

Here you see how a box with a 4 pixel rgb(33, 237, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 237, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 237, 175);  
box-shadow:4px 4px 4px 4px rgb(33, 237,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 168.9360, 2.9896, -119.2159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 237, 175) }
```

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

```
.background{ background-color: rgb(33, 237,  
175) }
```

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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