

Converting Colors

YUV(153.0500, 3.4263,
-119.3159)

Have a look what the booklet for
YUV(153.0500, 3.4263, -119.3159)
contains.

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Color

**YUV(153.0500, 3.4263,
-119.3159)**

Conversions

Conversions Part 1

Format	Color
Hex	11DDA0
RGB	17, 221, 160
RGB Percent	7%, 87%, 63%
CMY	0.9333, 0.1333, 0.3725
CMYK	0.92, 0.00, 0.28, 0.13
HSL	162°, 86%, 47%
HSV	162°, 92%, 87%
XYZ	32.4328, 54.3701, 42.0428
YIQ	153.0500, -102.0030, -62.2190

Conversions

Conversions Part 2

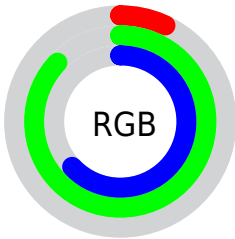
Format	Color
RYB	17, 137, 221
Decimal	1170848
CIELab	78.68, -58.69, 17.60
CIELCh	79, 61.276, 163.309
Yxy	54.3701, 0.2517, 0.4220
Android (android.graphics.Color)	4279360928 (0xFF11DDA0)
YUV	153.0500, 3.4263, -119.3159
Hunter-Lab	73.7361, -50.5251, 17.8093

Details

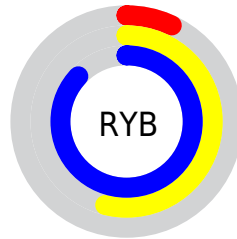
The YUV color **153.0500, 3.4263, -119.3159** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **84.9500, -3.4263, 119.3159**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.0850, 3.9021, -85.1435**, and **109.1670, -0.5753, -95.7395** is the 20% darker color. If you saturate the color by 10%, you get **147.3970, 3.7483, -129.2672**, and if you desaturate by 10%, it is **160.4260, 3.2410, -106.4906**.

Distribution



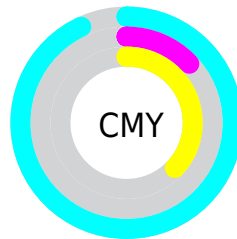
- Red (7%)
- Green (87%)
- Blue (63%)



- Red (7%)
- Yellow (54%)
- Blue (87%)



- Cyan (92%)
- Magenta (0%)
- Yellow (28%)
- Black (13%)



- Cyan (93%)
- Magenta (13%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.0500, 3.4263, -119.3159 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 153.0500, 3.4263, -119.3159 by changing the saturation by 10% instead.

153.0500, 3.4263,
-119.3159

153.0500, 3.4263,
-119.3159

255.0000, 0.0000,
0.0000

127.9800, 2.9679,
-112.2385

207.0850, 3.9021,
-85.1435

109.1670, -0.5753,
-95.7395

220.1440, 11.2680,
-67.6553

89.9950, -2.9555,
-78.9256

230.7810, 11.9400,
-49.7969

71.9970, -5.9145,
-63.1414

240.3490, 7.2229,
-30.1241

54.2270, -7.9999,
-47.5571

249.6180, 2.6533,
-11.0660

37.1580, -9.9379,
-32.5876

21.1320, -10.4181,

-18.5328

■ 0.0000, 0.0000,
0.0000

■ 153.0500, 3.4263,
-119.3159

■ 153.0500, 3.4263,
-119.3159

■ 147.3970, 3.7483,
-129.2672

■ 160.4260, 3.2410,
-106.4906

■ 167.6880, 2.6188,
-93.5654

■ 175.0640, 2.4334,
-80.7401

■ 182.3260, 1.8113,
-67.8149

■ 190.0010, 1.4785,
-54.3749

■ 197.3770, 1.2931,
-41.5496

■ 204.6390, 0.6710,
-28.6244

■ 212.0150, 0.4856,
-15.7992

■ 219.2770, -0.1366,
-2.8739

Harmonies

Analogous

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



178.9040, -34.9557, -34.9958



153.0500, 3.4263, -119.3159



155.8670, 31.1246, -136.6954

Triad

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



153.0500, 3.4263, -119.3159



183.9330, 35.0360, -37.6522



183.1440, -31.6230, 63.0177

Complementary

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



153.0500, 3.4263, -119.3159



84.9500, -3.4263, 119.3159

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.



180.8540, -4.8580, 65.0260



153.0500, 3.4263, -119.3159



197.3420, 28.4254, 29.5181

Square

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



153.0500, 3.4263, -119.3159



152.3400, 50.6114, -133.6022



190.4010, 19.0293, 56.6533



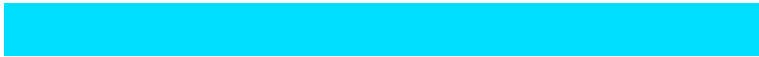
191.0680, -53.2775, 55.1914

Rectangle

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



153.0500, 3.4263, -119.3159



159.3840, 47.1387, -139.7798



190.4010, 19.0293, 56.6533



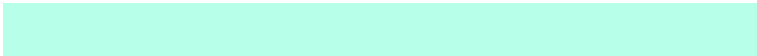
181.4460, -22.8979, 64.5069

Sweetspot

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



153.0500, 3.4263, -119.3159



231.3770, 1.2931, -41.5496



154.9870, -68.0276, -67.5176



113.3620, 0.8075, -25.7505



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.



153.0500, 3.4263, -119.3159



170.0910, 4.3921, -149.1698



135.9370, 41.9361, -104.3077



106.2550, -0.1257, -6.3626



115.4590, 3.2247, -101.2575



30.6500, 0.6656, -26.8800

Inverse Universe

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



84.9500, -3.4263, 119.3159



84.9090, -4.3921, 149.1698



102.0630, -41.9361, 104.3077



102.6310, -0.3111, 6.4626



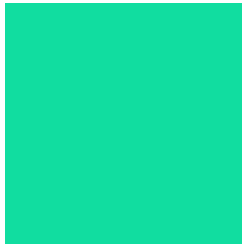
57.6550, -2.7879, 101.1576



15.3500, -0.6655, 26.8800

Previews

White Background



This preview shows how the YUV color 153.0500, 3.4263, -119.3159 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 153.0500, 3.4263, -119.3159 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

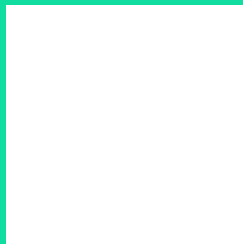
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 153.0500, 3.4263, -119.3159

Background



This preview shows how black text looks on a background with the YUV color 153.0500, 3.4263, -119.3159.

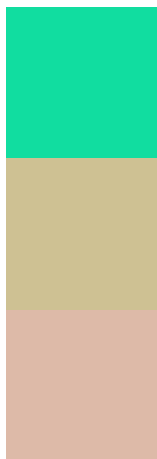


This preview shows how white text looks on a background with the YUV color 153.0500, 3.4263, -119.3159.

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

153.0500, 3.4263, -119.3159

Protanopia

191.6430, -22.0090, 12.5911

Deuteranopia

194.4130, -13.0216, 23.3168



Tritanopia

172.6760, 27.7677, -86.5389

Trichromacy



Original Color

153.0500, 3.4263, -119.3159



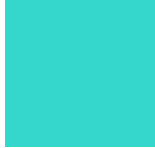
Protanomaly

177.4520, -12.5478, -35.4764



Deuteranomaly

179.5760, -7.1860, -28.5692



Tritanomaly

165.3080, 19.0752, -98.4941

Monochromacy



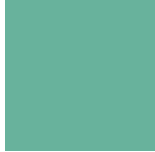
Original Color

153.0500, 3.4263, -119.3159



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

153.3660, 1.2986, -43.2940

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.0500, 3.4263, -119.3159 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(17, 221, 160)` looks like.

```
.text, #text, p{  
    color:rgb(17, 221, 160)  
}
```

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(17, 221, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 221, 160) }
```

Border

The CSS property to change the border of an element to YUV 153.0500, 3.4263, -119.3159 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(17, 221, 160) }
```


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

```
.border{ border-color:rgb(17, 221, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 221, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 221, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 221, 160);  
box-shadow:4px 4px 4px 4px rgb(17, 221,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 153.0500, 3.4263, -119.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 221, 160) }
```

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

```
.background{ background-color: rgb(17, 221,  
160) }
```

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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