

Converting Colors

YUV(155.2170, -9.9670,
-116.8313)

Have a look what the booklet for
YUV(155.2170, -9.9670, -116.8313)
contains.

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Color

**YUV(155.2170, -9.9670,
-116.8313)**

Conversions

Conversions Part 1

Format	Color
Hex	16E387
RGB	22, 227, 135
RGB Percent	9%, 89%, 53%
CMY	0.9137, 0.1098, 0.4706
CMYK	0.90, 0.00, 0.41, 0.11
HSL	153°, 82%, 49%
HSV	153°, 90%, 89%
XYZ	32.1731, 56.8580, 32.2007
YIQ	155.2170, -92.6480, -72.0720

Conversions

Conversions Part 2

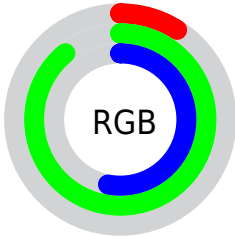
Format	Color
RYB	22, 154, 227
Decimal	1500039
CIELab	80.10, -65.76, 32.44
CIELCh	80, 73.327, 153.743
Yxy	56.8580, 0.2654, 0.4690
Android (android.graphics.Color)	4279690119 (0xFF16E387)
YUV	155.2170, -9.9670, -116.8313
Hunter-Lab	75.4043, -55.7959, 27.4637

Details

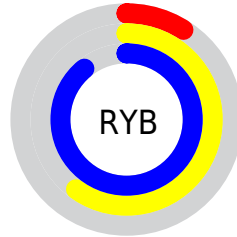
The YUV color **155.2170, -9.9670, -116.8313** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **93.7830, 9.9670, 116.8313**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.7190, -7.7495, -81.3146**, and **109.3660, -12.5054, -95.9140** is the 20% darker color. If you saturate the color by 10%, you get **147.4990, -11.0920, -129.3566**, and if you desaturate by 10%, it is **163.2340, -8.9894, -103.6912**.

Distribution



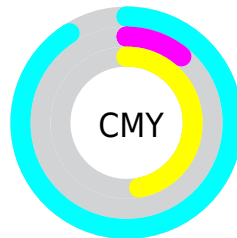
- Red (9%)
- Green (89%)
- Blue (53%)



- Red (9%)
- Yellow (60%)
- Blue (89%)



- Cyan (90%)
- Magenta (0%)
- Yellow (41%)
- Black (11%)



- Cyan (91%)
- Magenta (11%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.2170, -9.9670, -116.8313 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 155.2170, -9.9670, -116.8313 by changing the saturation by 10% instead.

■ 155.2170, -9.9670,
-116.8313

■ 155.2170, -9.9670,
-116.8313

255.0000, 0.0000,
0.0000

■ 128.6520, -9.6884,
-112.8278

■ 204.7190, -7.7495,
-81.3146

■ 109.3660,
-12.5054, -95.9140

■ 217.7780, -0.3836,
-63.8263

■ 90.1940, -14.8856,
-79.1001

■ 230.6520, 7.5666,
-47.0528

■ 72.1960, -17.8446,
-63.3159

■ 240.9470, 6.9281,
-28.8945

■ 53.3830, -21.3878,
-46.8169

■ 250.2160, 2.3585,
-9.8364

■ 37.5680, -18.5210,
-32.9471

■ 23.4800, -11.5756,

-20.5920

■ 0.5870, -0.2894,
-0.5148

■ 0.0000, 0.0000,
0.0000

■ 155.2170, -9.9670,
-116.8313

■ 155.2170, -9.9670,
-116.8313

■ 147.4990,
-11.0920, -129.3566

■ 163.2340, -8.9894,
-103.6912

■ 170.9520, -7.8643,
-91.1659

■ 179.0830, -6.4499,
-78.1258

■ 187.1000, -5.4723,
-64.9857

■ 195.1170, -4.4947,
-51.8456

■ 202.8350, -3.3697,
-39.3203

■ 210.8520, -2.3920,
-26.1802

■ 218.8690, -1.4144,
-13.0401

■ 226.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



181.9860, -52.7441, -22.7897



155.2170, -9.9670, -116.8313



158.9670, 22.6943, -139.4141

Triad

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



155.2170, -9.9670, -116.8313



158.0870, 47.7781, -111.4553



176.3110, -24.8033, 69.0103

Complementary

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



155.2170, -9.9670, -116.8313



93.7830, 9.9670, 116.8313

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.



176.9050, 7.9348, 68.4893



155.2170, -9.9670, -116.8313



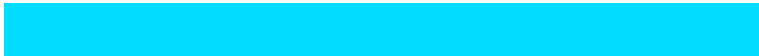
196.3570, 28.9110, 13.7189

Square

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



155.2170, -9.9670, -116.8313



158.7970, 47.4281, -139.2650



192.1910, 30.9648, 55.0835



186.0040, -56.2040, 60.5095

Rectangle

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



155.2170, -9.9670, -116.8313



164.3250, 43.2238, -144.1130



192.1910, 30.9648, 55.0835



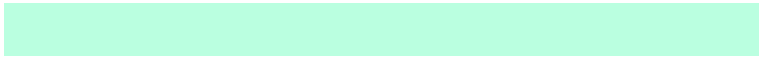
174.7100, -13.1680, 70.4143

Sweetspot

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



155.2170, -9.9670, -116.8313



230.8350, -3.3697, -39.3203



169.8430, -72.8866, -48.9743



113.5750, -2.2555, -23.3063



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.



155.2170, -9.9670, -116.8313



165.7590, -12.2062, -145.3706



159.8350, 33.1123, -120.8813



110.8420, -0.4151, -6.8774



116.2450, -8.9948, -101.9469



33.1290, -2.5286, -29.0541

Inverse Universe

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



93.7830, 9.9670, 116.8313



89.2410, 12.2062, 145.3706



89.1650, -33.1123, 120.8813



107.1580, 0.4151, 6.8774



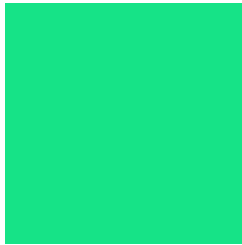
62.6410, 8.5580, 102.0468



17.8710, 2.5286, 29.0541

Previews

White Background



This preview shows how the YUV color 155.2170, -9.9670, -116.8313 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 155.2170, -9.9670, -116.8313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

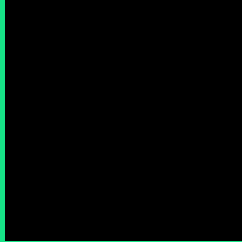
Any Text WCAG AA ✓ Pass

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 155.2170, -9.9670, -116.8313 Background



This preview shows how black text looks on a background with the YUV color 155.2170, -9.9670, -116.8313.

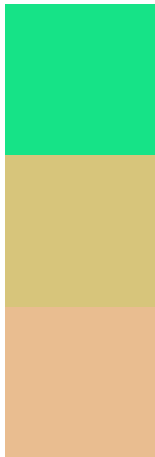


This preview shows how white text looks on a background with the YUV color 155.2170, -9.9670, -116.8313.

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

155.2170, -9.9670, -116.8313

Protanopia

193.9460, -34.9764, 18.4644

Deuteranopia

197.0260, -26.1418, 31.5492



Tritanopia

178.1820, 27.0253, -81.7206

Trichromacy



Original Color

155.2170, -9.9670, -116.8313



Protanomaly

179.9290, -26.0940, -30.6327



Deuteranomaly

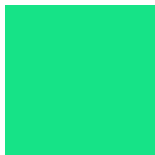
181.8790, -20.1533, -22.6959



Tritanomaly

169.5490, 13.5333, -94.3205

Monochromacy



Original Color

155.2170, -9.9670, -116.8313



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

155.1120, -3.5062, -42.1942

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.2170, -9.9670, -116.8313 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, 227, 135)` looks like.

```
.text, #text, p{  
    color:rgb(22, 227, 135)  
}
```

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, 227, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 227, 135) }
```

Border

The CSS property to change the border of an element to YUV 155.2170, -9.9670, -116.8313 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, 227, 135) }
```


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

```
.border{ border-color:rgb(22, 227, 135) }
```

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

Here you see how a box with a 4 pixel rgb(22, 227, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 227, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 227, 135);  
box-shadow:4px 4px 4px 4px rgb(22, 227,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 155.2170, -9.9670, -116.8313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 227, 135) }
```

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

```
.background{ background-color: rgb(22, 227,  
135) }
```

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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