

Converting Colors

YUV(155.3970, -9.5627,
-106.4652)

Have a look what the booklet for
YUV(155.3970, -9.5627, -106.4652)
contains.

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Color

**YUV(155.3970, -9.5627,
-106.4652)**

Conversions

Conversions Part 1

Format	Color
Hex	22DD88
RGB	34, 221, 136
RGB Percent	13%, 87%, 53%
CMY	0.8667, 0.1333, 0.4667
CMYK	0.85, 0.00, 0.38, 0.13
HSL	153°, 73%, 50%
HSV	153°, 85%, 87%
XYZ	30.9601, 53.8306, 32.0511
YIQ	155.3970, -84.1670, -66.0790

Conversions

Conversions Part 2

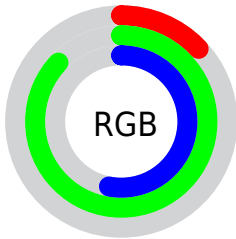
Format	Color
RYB	34, 155, 221
Decimal	2284936
CIELab	78.36, -62.71, 29.65
CIELCh	78, 69.367, 154.693
Yxy	53.8306, 0.2650, 0.4607
Android (android.graphics.Color)	4280475016 (0xFF22DD88)
YUV	155.3970, -9.5627, -106.4652
Hunter-Lab	73.3693, -53.0736, 25.4579

Details

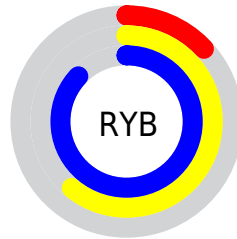
The YUV color **155.3970, -9.5627, -106.4652** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **99.6030, 9.5627, 106.4652**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.7300, -7.7549, -79.5702**, and **105.9580, -10.3323, -92.9252** is the 20% darker color. If you saturate the color by 10%, you get **147.6790, -10.6877, -118.9905**, and if you desaturate by 10%, it is **163.1150, -8.4377, -93.9399**.

Distribution



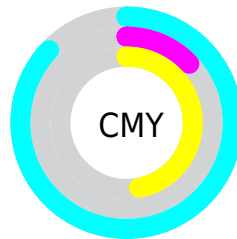
- Red (13%)
- Green (87%)
- Blue (53%)



- Red (13%)
- Yellow (61%)
- Blue (87%)



- Cyan (85%)
- Magenta (0%)
- Yellow (38%)
- Black (13%)



- Cyan (87%)
- Magenta (13%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.3970, -9.5627, -106.4652 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 155.3970, -9.5627, -106.4652 by changing the saturation by 10% instead.

■ 155.3970, -9.5627,
-106.4652

■ 155.3970, -9.5627,
-106.4652

■ 255.0000, 0.0000,
0.0000

■ 125.2440, -7.5153,
-109.8390

■ 205.7300, -7.7549,
-79.5702

■ 105.9580,
-10.3323, -92.9252

■ 218.4900, -0.2416,
-62.6967

■ 87.3730, -13.0019,
-76.6261

■ 231.0650, 7.8560,
-46.5380

■ 68.9020, -15.2347,
-60.4271

■ 241.2460, 6.7807,
-28.2797

■ 51.4910, -18.4831,
-45.1576

■ 250.5150, 2.2111,
-9.2217

■ 35.2200, -17.3635,
-30.8879

■ 21.1320, -10.4181,

-18.5328

■ 0.0000, 0.0000,
0.0000

■ 155.3970, -9.5627,
-106.4652

■ 155.3970, -9.5627,
-106.4652

■ 147.6790,
-10.6877, -118.9905

■ 163.1150, -8.4377,
-93.9399

■ 143.5210,
-11.1029, -125.8679

■ 170.8330, -7.3127,
-81.4145

■ 178.5510, -6.1876,
-68.8892

■ 186.2690, -5.0626,
-56.3639

■ 194.2860, -4.0850,
-43.2238

■ 202.0040, -2.9600,
-30.6985

■ 209.7220, -1.8349,
-18.1732

■ 217.4400, -0.7099,
-5.6479

■ 225.1580, 0.4151,
6.8774

Harmonies

Analogous

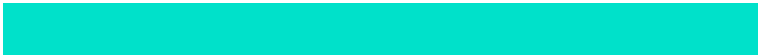
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



178.4250, -48.5235, -23.1747



155.3970, -9.5627, -106.4652



155.1030, 23.1202, -136.0253

Triad

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



155.3970, -9.5627, -106.4652



165.3290, 44.2078, -86.2345



176.0830, -25.6769, 69.2102

Complementary

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



155.3970, -9.5627, -106.4652



99.6030, 9.5627, 106.4652

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.



176.1070, 4.8772, 69.1892



155.3970, -9.5627, -106.4652



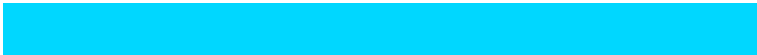
192.8240, 30.6528, 15.0634

Square

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



155.3970, -9.5627, -106.4652



155.2750, 49.1644, -136.1762



190.4470, 29.3596, 56.6130



184.4710, -54.4622, 61.8539

Rectangle

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



155.3970, -9.5627, -106.4652



160.1190, 42.3393, -140.4244



190.4470, 29.3596, 56.6130



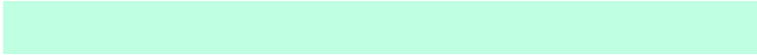
174.2540, -14.9152, 70.8142

Sweetspot

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



155.3970, -9.5627, -106.4652



232.5580, -3.2331, -36.4464



169.7820, -66.9405, -42.7818



114.2870, -2.1135, -22.1767



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

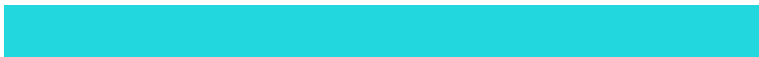
The Same Dimension uses a secret algorithm to generate beautiful new colors.



155.3970, -9.5627, -106.4652



165.5310, -13.0798, -145.1707



161.5650, 29.3015, -111.8745



106.1410, -0.5625, -6.2627



112.3810, -8.5688, -98.5581



29.8520, -2.3920, -26.1802

Inverse Universe

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



99.6030, 9.5627, 106.4652



89.4690, 13.0798, 145.1707



93.4350, -29.3015, 111.8745



102.8590, 0.5625, 6.2627



60.7330, 9.0056, 98.4582



16.1480, 2.3920, 26.1802

Previews

White Background



This preview shows how the YUV color 155.3970, -9.5627, -106.4652 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 155.3970, -9.5627, -106.4652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

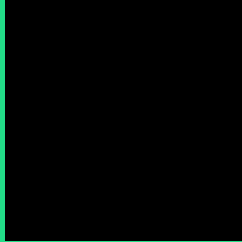
Any Text WCAG AA ✓ Pass

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 155.3970, -9.5627, -106.4652 Background



This preview shows how black text looks on a background with the YUV color 155.3970, -9.5627, -106.4652.



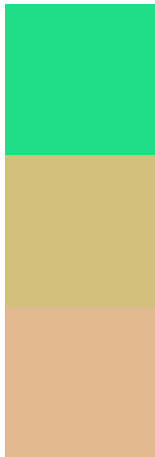
This preview shows how white text looks on a background with the YUV color 155.3970, -9.5627, -106.4652.

-106.4652.

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

155.3970, -9.5627, -106.4652

Protanopia

189.3310, -32.2082, 17.2497

Deuteranopia

192.1120, -23.2262, 29.7198



Tritanopia

174.5630, 25.8514, -78.5468

Trichromacy



Original Color

155.3970, -9.5627, -106.4652



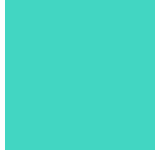
Protanomaly

177.1080, -24.2102, -28.1587



Deuteranomaly

178.4710, -17.9802, -19.7071



Tritanomaly

167.4680, 13.0803, -88.9874

Monochromacy



Original Color

155.3970, -9.5627, -106.4652



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

155.1340, -3.5171, -38.7055

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.3970, -9.5627, -106.4652 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(34, 221, 136)` looks like.

```
.text, #text, p{  
    color:rgb(34, 221, 136)  
}
```

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(34, 221, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 221, 136) }
```

Border

The CSS property to change the border of an element to YUV 155.3970, -9.5627, -106.4652 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(34, 221, 136) }
```


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

```
.border{ border-color:rgb(34, 221, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 221, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 221, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 221, 136);  
box-shadow:4px 4px 4px 4px rgb(34, 221,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 155.3970, -9.5627, -106.4652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 221, 136) }
```

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

```
.background{ background-color: rgb(34, 221,  
136) }
```

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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