

Converting Colors

YUV(155.5470, 9.5903,
-136.4147)

Have a look what the booklet for
YUV(155.5470, 9.5903, -136.4147)
contains.

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Color

**YUV(155.5470, 9.5903,
-136.4147)**

Conversions

Conversions Part 1

Format	Color
Hex	00E7AF
RGB	0, 231, 175
RGB Percent	0%, 91%, 69%
CMY	1.0000, 0.0941, 0.3137
CMYK	1.00, 0.00, 0.24, 0.09
HSL	165°, 100%, 45%
HSV	165°, 100%, 91%
XYZ	36.3138, 60.2470, 50.2723
YIQ	155.5470, -119.7000, -66.3880

Conversions

Conversions Part 2

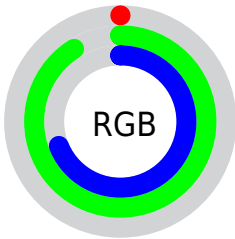
Format	Color
RYB	0, 131, 231
Decimal	59311
CIELab	81.97, -59.48, 14.34
CIELCh	82, 61.186, 166.448
Yxy	60.2470, 0.2473, 0.4103
Android (android.graphics.Color)	4278249391 (0xFF00E7AF)
YUV	155.5470, 9.5903, -136.4147
Hunter-Lab	77.6189, -52.3224, 15.9322

Details

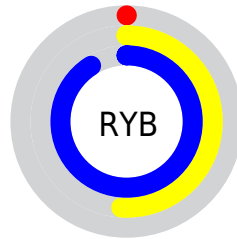
The YUV color **155.5470, 9.5903, -136.4147** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **75.4530, -9.5903, 136.4147**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.9090, 10.8909, -86.7432**, and **116.0460, 2.9353, -101.7723** is the 20% darker color. If you saturate the color by 10%, you get **155.5470, 9.5903, -136.4147**, and if you desaturate by 10%, it is **163.1080, 8.8208, -122.8747**.

Distribution



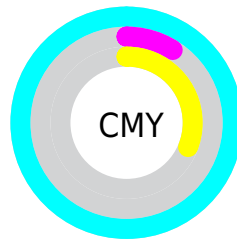
- Red (0%)
- Green (91%)
- Blue (69%)



- Red (0%)
- Yellow (51%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (9%)



- Cyan (100%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.5470, 9.5903, -136.4147 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 155.5470, 9.5903, -136.4147 by changing the saturation by 10% instead.

 155.5470, 9.5903,
-136.4147


 155.5470, 9.5903,
-136.4147


255.0000, 0.0000,
0.0000

 135.4460, 6.1891,
-118.7861


 208.9090, 10.8909,
-86.7432

 116.0460, 2.9353,
-101.7723


 221.8110, 16.3622,
-68.2402


 97.4610, 0.2657,
-85.4733


 231.3790, 11.6452,
-48.5674

 78.8760, -2.4039,
-69.1743

 240.9470, 6.9281,
-28.8945

 60.9920, -4.9261,
-53.4900

 250.2160, 2.3585,
-9.8364

 43.2220, -7.0114,
-37.9057

 27.0990, -10.4018,

-23.7658

■ 7.6310, -3.7621,
-6.6924

■ 0.0000, 0.0000,
0.0000

■ 155.5470, 9.5903,
-136.4147

■ 163.1080, 8.8208,
-122.8747

■ 170.5550, 7.6144,
-109.2347

■ 178.1160, 6.8448,
-95.6947

■ 185.5630, 5.6384,
-82.0548

■ 193.4230, 4.7215,
-67.9000

■ 200.9840, 3.9519,
-54.3600

■ 208.4310, 2.7455,
-40.7200

■ 215.9920, 1.9759,
-27.1800

■ 223.4390, 0.7696,
-13.5400

Harmonies

Analogous

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



187.5550, -32.3186, -40.8287



155.5470, 9.5903, -136.4147



163.5610, 35.2194, -143.4430

Triad

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



155.5470, 9.5903, -136.4147



194.6200, 29.7673, -27.7307



190.0570, -33.0591, 56.9550

Complementary

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



155.5470, 9.5903, -136.4147



75.4530, -9.5903, 136.4147

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.



187.0660, -6.4415, 59.5781



155.5470, 9.5903, -136.4147



206.5340, 23.8937, 36.3657

Square

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



155.5470, 9.5903, -136.4147



156.4490, 48.5856, -137.2058



195.4390, 18.0246, 52.2350



199.0950, -54.2768, 49.0287

Rectangle

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



155.5470, 9.5903, -136.4147



164.6670, 44.5342, -144.4130



195.4390, 18.0246, 52.2350



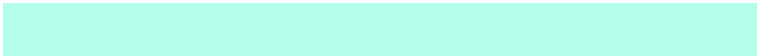
188.3590, -24.3340, 58.4442

Sweetspot

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



155.5470, 9.5903, -136.4147



230.1100, 2.9038, -44.8235



152.9390, -75.3989, -83.2615



112.8780, 1.5391, -27.0800



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.



155.5470, 9.5903, -136.4147



171.6870, 10.5073, -150.5695



127.8850, 50.8357, -112.1551



111.0700, 0.4585, -7.0774



120.4630, 7.1667, -105.6461



34.3830, 2.2762, -30.1539

Inverse Universe

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



75.4530, -9.5903, 136.4147



83.3130, -10.5073, 150.5695



103.1150, -50.8357, 112.1551



106.9300, -0.4585, 7.0774



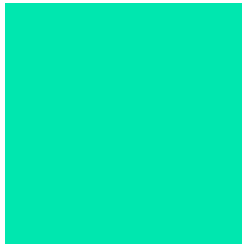
58.4230, -7.6035, 105.7460



16.6170, -2.2762, 30.1539

Previews

White Background



This preview shows how the YUV color 155.5470, 9.5903, -136.4147 looks on a white background.

Color Contrast Check

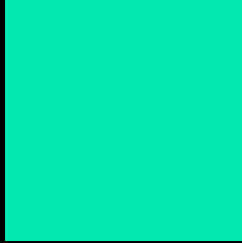
Large Text (above 18pt) WCAG AA × Fail

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 155.5470, 9.5903, -136.4147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

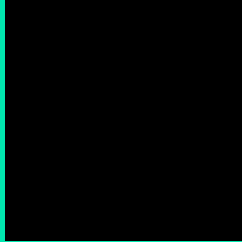
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

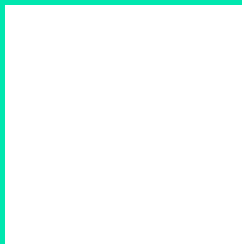
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 155.5470, 9.5903, -136.4147

Background



This preview shows how black text looks on a background with the YUV color 155.5470, 9.5903, -136.4147.

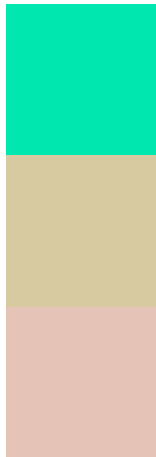


This preview shows how white text looks on a background with the YUV color 155.5470, 9.5903, -136.4147.

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

155.5470, 9.5903, -136.4147

Protanopia

201.2130, -19.8250, 12.0912

Deuteranopia

203.7980, -10.2534, 22.1022



Tritanopia

179.5010, 29.8260, -93.4014

Trichromacy



Original Color

155.5470, 9.5903, -136.4147



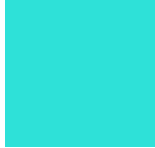
Protanomaly

184.9180, -9.3266, -42.0241



Deuteranomaly

186.2700, -3.0911, -35.3168



Tritanomaly

170.4530, 22.4547, -109.1453

Monochromacy



Original Color

155.5470, 9.5903, -136.4147



Achromatopsia

156.0000, 0.0000, 0.0000



Achromatomaly

155.6040, 3.6462, -49.6417

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.5470, 9.5903, -136.4147 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(0, 231, 175)` looks like.

```
.text, #text, p{  
    color:rgb(0, 231, 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(0, 231, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 231, 175) }
```

Border

The CSS property to change the border of an element to YUV 155.5470, 9.5903, -136.4147 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(0, 231, 175) }
```


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

```
.border{ border-color:rgb(0, 231, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 231, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 231, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 231, 175);  
box-shadow:4px 4px 4px 4px rgb(0, 231,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 155.5470, 9.5903, -136.4147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 231, 175) }
```

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

```
.background{ background-color: rgb(0, 231,  
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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