

Converting Colors

YUV(153.1820, -0.0897,
-111.5386)

Have a look what the booklet for
YUV(153.1820, -0.0897, -111.5386)
contains.

YUV(153.1820, -0.0897, -111.5386)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(153.1820, -0.0897,
-111.5386)**

Conversions

Conversions Part 1

Format	Color
Hex	1ADA99
RGB	26, 218, 153
RGB Percent	10%, 85%, 60%
CMY	0.8980, 0.1451, 0.4000
CMYK	0.88, 0.00, 0.30, 0.15
HSL	160°, 79%, 48%
HSV	160°, 88%, 85%
XYZ	31.2472, 52.6623, 38.6549
YIQ	153.1820, -93.5670, -60.9190

Conversions

Conversions Part 2

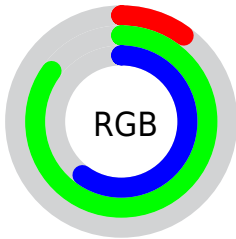
Format	Color
RYB	26, 142, 218
Decimal	1759897
CIELab	77.68, -58.69, 19.89
CIELCh	78, 61.966, 161.275
Yxy	52.6623, 0.2549, 0.4297
Android (android.graphics.Color)	4279949977 (0xFF1ADA99)
YUV	153.1820, -0.0897, -111.5386
Hunter-Lab	72.5688, -50.1357, 19.2164

Details

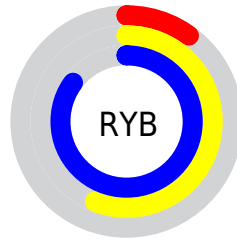
The YUV color **153.1820, -0.0897, -111.5386** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **90.8180, 0.0897, 111.5386**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.5860, 0.6971, -83.8289**, and **106.7220, -2.3279, -93.5952** is the 20% darker color. If you saturate the color by 10%, you get **145.8060, 0.0956, -124.3639**, and if you desaturate by 10%, it is **160.5580, -0.2751, -98.7134**.

Distribution



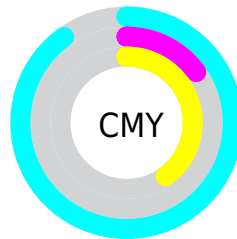
- Red (10%)
- Green (85%)
- Blue (60%)



- Red (10%)
- Yellow (56%)
- Blue (85%)



- Cyan (88%)
- Magenta (0%)
- Yellow (30%)
- Black (15%)





- Cyan (90%)
- Magenta (15%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.1820, -0.0897, -111.5386 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 153.1820, -0.0897, -111.5386 by changing the saturation by 10% instead.

 153.1820, -0.0897,
-111.5386

 153.1820, -0.0897,
-111.5386


255.0000, 0.0000,
0.0000


 126.0080, 0.4891,
-110.5090


 206.5860, 0.6971,
-83.8289

 106.7220, -2.3279,
-93.5952


 219.6450, 8.0630,
-66.3407


 88.0230, -5.4343,
-77.1962


 231.0800, 11.7926,
-49.1822

 69.5520, -7.6671,
-60.9971

 240.3490, 7.2229,
-30.1241

 51.7820, -9.7525,
-45.4128

 249.6180, 2.6533,
-11.0660

 35.1860, -12.4167,
-30.8581

 19.9580, -9.8393,

-17.5032

■ 0.0000, 0.0000,
0.0000

■ 153.1820, -0.0897,
-111.5386

■ 153.1820, -0.0897,
-111.5386

■ 145.8060, 0.0956,
-124.3639

■ 160.5580, -0.2751,
-98.7134

■ 144.3820, -0.1883,
-126.6230

■ 168.0480, -0.0237,
-85.9881

■ 175.1250, -0.0616,
-73.7776

■ 182.6150, 0.1898,
-61.0524

■ 189.9910, 0.0044,
-48.2271

■ 197.3670, -0.1809,
-35.4019

■ 204.8570, 0.0705,
-22.6766

■ 211.9340, 0.0325,
-10.4661

■ 219.3100, -0.1528,
2.3591

Harmonies

Analogous

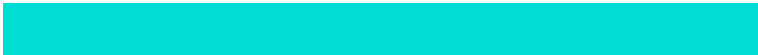
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



176.9430, -37.4399, -31.5220



153.1820, -0.0897, -111.5386



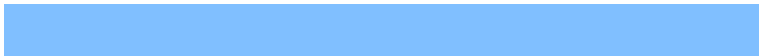
154.0090, 29.0826, -135.0659

Triad

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



153.1820, -0.0897, -111.5386



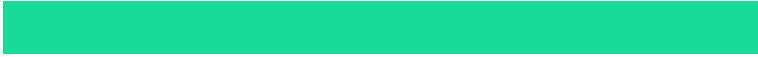
179.4590, 37.2417, -45.1295



180.2090, -30.1760, 65.5917

Complementary

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



153.1820, -0.0897, -111.5386



90.8180, 0.0897, 111.5386

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.



178.6200, -3.2637, 66.9853



153.1820, -0.0897, -111.5386



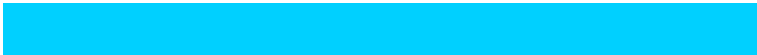
194.6620, 29.7466, 25.7294

Square

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



153.1820, -0.0897, -111.5386



151.1660, 51.1902, -132.5726



188.7540, 20.3343, 58.0977



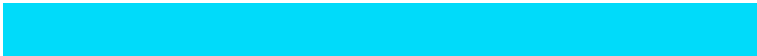
188.3780, -53.4304, 57.5505

Rectangle

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



153.1820, -0.0897, -111.5386



157.0530, 45.8229, -137.7355



188.7540, 20.3343, 58.0977



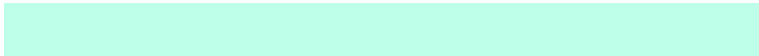
178.5110, -21.4509, 67.0809

Sweetspot

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



153.1820, -0.0897, -111.5386



232.7580, 0.1193, -38.3758



158.7370, -65.4393, -57.6513



114.4440, -0.2189, -23.1914



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.



153.1820, -0.0897, -111.5386



168.9510, 0.0242, -148.1700



143.5690, 36.6945, -103.1080



106.2550, -0.1257, -6.3626



114.6610, 0.1671, -100.5577



30.4220, -0.2080, -26.6801

Inverse Universe

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



90.8180, 0.0897, 111.5386



86.0490, -0.0242, 148.1700



100.4310, -36.6945, 103.1080



102.6310, -0.3111, 6.4626



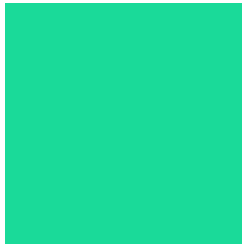
58.4530, 0.2697, 100.4577



15.5780, 0.2080, 26.6801

Previews

White Background



This preview shows how the YUV color 153.1820, -0.0897, -111.5386 looks on a white background.

Color Contrast Check

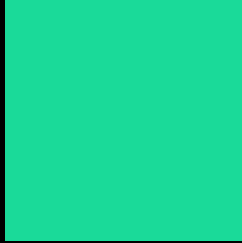
Large Text (above 18pt) WCAG AA × Fail

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 153.1820, -0.0897, -111.5386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

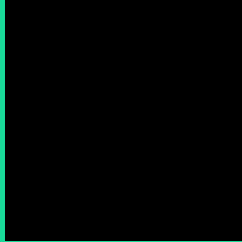
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

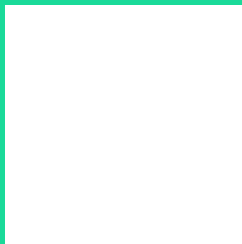
Any Text WCAG AAA ✓ Pass

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

YUV 153.1820, -0.0897, -111.5386 Background



This preview shows how black text looks on a background with the YUV color 153.1820, -0.0897, -111.5386.



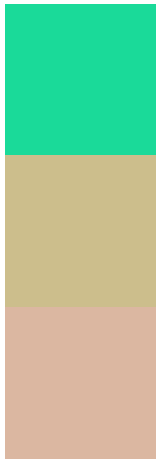
This preview shows how white text looks on a background with the YUV color 153.1820, -0.0897,

-111.5386.

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

153.1820, -0.0897, -111.5386

Protanopia

188.4860, -23.9036, 13.6058

Deuteranopia

191.2560, -14.9162, 24.3315



Tritanopia

171.4700, 26.8833, -82.8502

Trichromacy



Original Color

153.1820, -0.0897, -111.5386



Protanomaly

175.4910, -15.0321, -32.0026



Deuteranomaly

177.6150, -9.6702, -25.0954



Tritanomaly

164.4720, 17.0223, -93.3759

Monochromacy



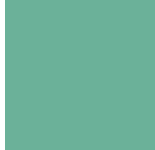
Original Color

153.1820, -0.0897, -111.5386



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

153.3340, -0.1647, -40.6349

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.1820, -0.0897, -111.5386 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(26, 218, 153)` looks like.

```
.text, #text, p{  
    color:rgb(26, 218, 153)  
}
```

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(26, 218, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 218, 153) }
```

Border

The CSS property to change the border of an element to YUV 153.1820, -0.0897, -111.5386 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(26, 218, 153) }
```


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

```
.border{ border-color:rgb(26, 218, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 218, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 218, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 218, 153);  
box-shadow:4px 4px 4px 4px rgb(26, 218,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 153.1820, -0.0897, -111.5386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 218, 153) }
```

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

```
.background{ background-color: rgb(26, 218,  
153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor