

Converting Colors

YUV(151.8160, -8.2903,
-94.5546)

Have a look what the booklet for
YUV(151.8160, -8.2903, -94.5546)
contains.

YUV(151.8160, -8.2903, -94.5546)	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(151.8160, -8.2903,
-94.5546)**

Conversions

Conversions Part 1

Format	Color
Hex	2CD287
RGB	44, 210, 135
RGB Percent	17%, 82%, 53%
CMY	0.8275, 0.1765, 0.4706
CMYK	0.79, 0.00, 0.36, 0.18
HSL	153°, 65%, 50%
HSV	153°, 79%, 82%
XYZ	28.4585, 48.3779, 30.7596
YIQ	151.8160, -74.8610, -58.5170

Conversions

Conversions Part 2

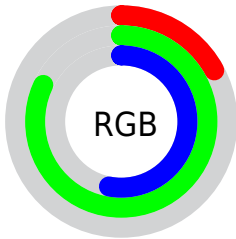
Format	Color
RYB	44, 151, 210
Decimal	2937479
CIELab	75.06, -58.01, 25.77
CIELCh	75, 63.480, 156.046
Yxy	48.3779, 0.2645, 0.4496
Android (android.graphics.Color)	4281127559 (0xFF2CD287)
YUV	151.8160, -8.2903, -94.5546
Hunter-Lab	69.5542, -48.6857, 22.4676

Details

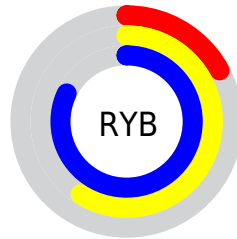
The YUV color **151.8160, -8.2903, -94.5546** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **102.1840, 8.2903, 94.5546**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.2140, -8.4865, -78.2407**, and **100.0880, -7.4384, -87.7772** is the 20% darker color. If you saturate the color by 10%, you get **144.5110, -9.1259, -106.5651**, and if you desaturate by 10%, it is **159.1210, -7.4547, -82.5441**.

Distribution



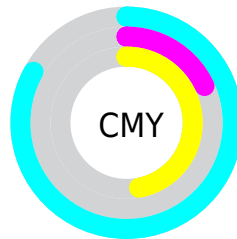
- Red (17%)
- Green (82%)
- Blue (53%)



- Red (17%)
- Yellow (59%)
- Blue (82%)



- Cyan (79%)
- Magenta (0%)
- Yellow (36%)
- Black (18%)



- Cyan (83%)
- Magenta (18%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.8160, -8.2903, -94.5546 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 151.8160, -8.2903, -94.5546 by changing the saturation by 10% instead.

■ 151.8160, -8.2903,
-94.5546

■ 151.8160, -8.2903,
-94.5546

255.0000, 0.0000,
0.0000

■ 119.2600, -5.0582,
-104.5910

■ 206.2140, -8.4865,
-78.2407

■ 100.0880, -7.4384,
-87.7772

■ 218.6750, -0.8258,
-61.9820

■ 81.5030, -10.1080,
-71.4781

■ 230.8370, 6.9824,
-46.3380

■ 63.6190, -12.6302,
-55.7939

■ 241.2460, 6.7807,
-28.2797

■ 46.3220, -15.4417,
-40.6244

■ 250.5150, 2.2111,
-9.2217

■ 30.5240, -15.0483,
-26.7695

■ 15.2620, -7.5242,

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 151.8160, -8.2903,
-94.5546

■ 151.8160, -8.2903,
-94.5546

■ 144.5110, -9.1259,
-106.5651

■ 159.1210, -7.4547,
-82.5441

■ 137.0920,
-10.3984, -118.4757


■ 166.5400, -6.1822,
-70.6336

■ 136.3800,
-10.5403, -119.6053


■ 173.8450, -5.3466,
-58.6231


■ 181.2640, -4.0742,
-46.7125

■ 188.5690, -3.2385,
-34.7020

 195.9880, -1.9661,
-22.7915

 203.2930, -1.1304,
-10.7810

 210.7120, 0.1420,
1.1296

 218.0170, 0.9776,
13.1401

Harmonies

Analogous

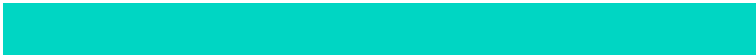
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



170.7330, -42.2664, -23.4448



151.8160, -8.2903, -94.5546



147.8480, 23.2459, -129.6627

Triad

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



151.8160, -8.2903, -94.5546



165.4500, 44.1482, -67.0466



173.7520, -26.9927, 71.2545

Complementary

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



151.8160, -8.2903, -94.5546



102.1840, 8.2903, 94.5546

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.



173.6790, 0.6513, 71.3185



151.8160, -8.2903, -94.5546



186.0350, 33.9997, 14.8783

Square

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



151.8160, -8.2903, -94.5546



148.2310, 52.6371, -129.9986



185.5740, 23.3810, 60.8866



181.4650, -51.9942, 63.6132

Rectangle

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



151.8160, -8.2903, -94.5546



151.7070, 40.5704, -133.0470



185.5740, 23.3810, 60.8866



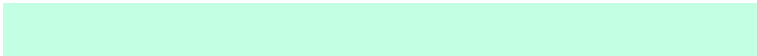
172.2820, -17.3940, 72.5437

Sweetspot

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



151.8160, -8.2903, -94.5546



233.5690, -3.2385, -34.7020



164.4650, -59.3892, -38.1188



114.9990, -1.9715, -21.0471



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.



151.8160, -8.2903, -94.5546



170.2160, -11.9385, -137.8784



156.8440, 26.2059, -98.9642



101.1410, -0.5625, -6.2627



109.1040, -8.4323, -95.6842



26.5750, -2.2555, -23.3063

Inverse Universe

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



102.1840, 8.2903, 94.5546



97.7840, 11.9385, 137.8784



97.1560, -26.2059, 98.9642



97.8590, 0.5625, 6.2627



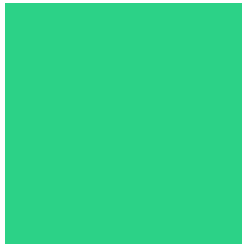
58.8960, 8.4323, 95.6842



14.3110, 1.8187, 23.4063

Previews

White Background



This preview shows how the YUV color 151.8160, -8.2903, -94.5546 looks on a white background.

Color Contrast Check

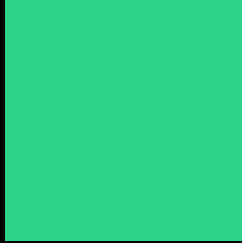
Large Text (above 18pt) WCAG AA × Fail

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 151.8160, -8.2903, -94.5546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

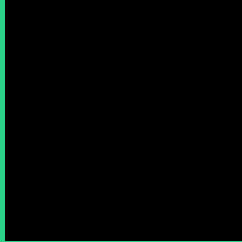
Any Text WCAG AA ✓ Pass

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 151.8160, -8.2903, -94.5546 Background



This preview shows how black text looks on a background with the YUV color 151.8160, -8.2903, -94.5546.

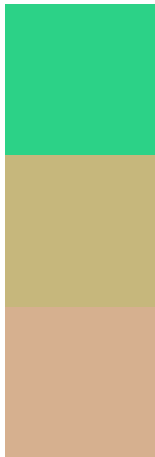


This preview shows how white text looks on a background with the YUV color 151.8160, -8.2903,

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

151.8160, -8.2903, -94.5546

Protanopia

180.7590, -27.9822, 15.1204

Deuteranopia

183.6000, -20.0158, 26.6608



Tritanopia

167.1400, 24.0880, -72.9138

Trichromacy



Original Color

151.8160, -8.2903, -94.5546



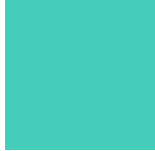
Protanomaly

170.3410, -20.8741, -24.8551



Deuteranomaly

171.7640, -15.6597, -17.3330



Tritanomaly

161.6970, 12.4744, -81.2953

Monochromacy



Original Color

151.8160, -8.2903, -94.5546



Achromatopsia

152.0000, 0.0000, 0.0000



Achromatomaly

151.9820, -2.9491, -34.1872

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.8160, -8.2903, -94.5546 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(44, 210, 135)` looks like.

```
.text, #text, p{  
    color:rgb(44, 210, 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(44, 210, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 210, 135) }
```

Border

The CSS property to change the border of an element to YUV 151.8160, -8.2903, -94.5546 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(44, 210, 135) }
```


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

```
.border{ border-color:rgb(44, 210, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 210, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 210, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 210, 135);  
box-shadow:4px 4px 4px 4px rgb(44, 210,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 151.8160, -8.2903, -94.5546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 210, 135) }
```

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

```
.background{ background-color: rgb(44, 210,  
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](#).

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