

Converting Colors

YUV(151.0840, -11.3804,
-83.3887)

Have a look what the booklet for
YUV(151.0840, -11.3804, -83.3887)
contains.

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Color

**YUV(151.0840, -11.3804,
-83.3887)**

Conversions

Conversions Part 1

Format	Color
Hex	38CC80
RGB	56, 204, 128
RGB Percent	22%, 80%, 50%
CMY	0.7804, 0.2000, 0.4980
CMYK	0.73, 0.00, 0.37, 0.20
HSL	149°, 59%, 51%
HSV	149°, 73%, 80%
XYZ	27.1200, 45.5850, 27.7915
YIQ	151.0840, -63.8120, -55.0120

Conversions

Conversions Part 2

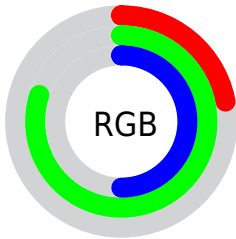
Format	Color
R_{YB}	56, 156, 204
Decimal	3722368
CIE _{Lab}	73.28, -55.64, 27.06
CIE _{LCh}	73, 61.868, 154.066
Yxy	45.5850, 0.2699, 0.4536
Android (android.graphics.Color)	4281912448 (0xFF38CC80)
YUV	151.0840, -11.3804, -83.3887
Hunter-Lab	67.5167, -46.4544, 22.8565

Details

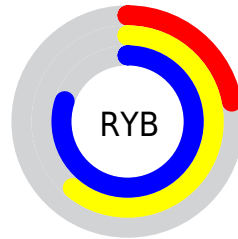
The YUV color **151.0840, -11.3804, -83.3887** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **108.9160, 11.3804, 83.3887**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.7970, -12.7179, -74.3670**, and **95.7680, -8.7596, -83.9885** is the 20% darker color. If you saturate the color by 10%, you get **143.9640, -12.8003, -94.6844**, and if you desaturate by 10%, it is **158.2040, -9.9606, -72.0929**.

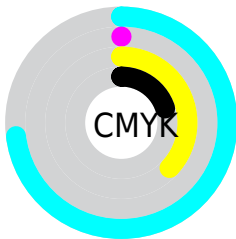
Distribution



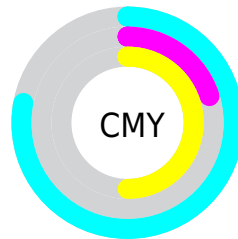
- Red (22%)
- Green (80%)
- Blue (50%)



- Red (22%)
- Yellow (61%)
- Blue (80%)



- Cyan (73%)
- Magenta (0%)
- Yellow (37%)
- Black (20%)



- Cyan (78%)
- Magenta (20%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.0840, -11.3804, -83.3887 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 151.0840, -11.3804, -83.3887 by changing the saturation by 10% instead.

■ 151.0840,
-11.3804, -83.3887

■ 151.0840,
-11.3804, -83.3887

■ 255.0000, 0.0000,
0.0000

■ 115.0540, -5.9426,
-100.9024

■ 206.7970,
-12.7179, -74.3670

■ 95.7680, -8.7596,
-83.9885

■ 219.2580, -5.0572,
-58.1083

■ 77.7700, -11.7186,
-68.2043

■ 231.5340, 3.1877,
-42.5643

■ 59.8860, -14.2408,
-52.5200

■ 242.4420, 6.1911,
-25.8206

■ 42.5890, -17.0524,
-37.3506

■ 251.4120, 1.7689,
-7.3773

■ 28.1760, -13.8908,
-24.7104

■ 11.7400, -5.7878,

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 151.0840,
-11.3804, -83.3887

■ 151.0840,
-11.3804, -83.3887

■ 143.9640,
-12.8003, -94.6844

■ 158.2040, -9.9606,
-72.0929

■ 136.4310,
-14.5095, -106.4950

■ 165.7370, -8.2513,
-60.2823

■ 131.0340,
-15.7928, -114.9168

■ 172.8570, -6.8315,
-48.9866

■ 180.3900, -5.1223,
-37.1760

■ 187.5100, -3.7024,
-25.8803

■ 194.7440, -1.8458,
-14.6845

■ 202.1630, -0.5734,
-2.7740

■ 209.3970, 1.2833,
8.4218

■ 216.8160, 2.5557,
20.3324

Harmonies

Analogous

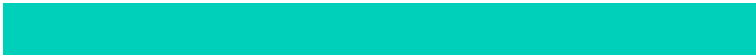
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



166.9400, -42.8614, -19.2414



151.0840, -11.3804, -83.3887



143.3000, 21.0511, -125.6741

Triad

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



151.0840, -11.3804, -83.3887



159.8020, 46.9326, -73.4944



170.9310, -25.1090, 73.7285

Complementary

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



151.0840, -11.3804, -83.3887



108.9160, 11.3804, 83.3887

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.



171.8040, 1.0826, 72.9629



151.0840, -11.3804, -83.3887



181.8710, 36.0526, 9.7601

Square

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



151.0840, -11.3804, -83.3887



145.8830, 53.7947, -127.9394



184.1720, 23.0862, 62.1162



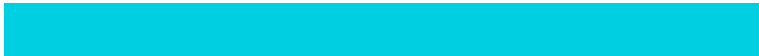
176.7470, -49.6683, 64.2429

Rectangle

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



151.0840, -11.3804, -83.3887



147.1590, 38.3756, -129.0584



184.1720, 23.0862, 62.1162



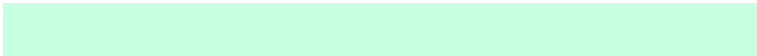
169.9340, -16.2365, 74.6029

Sweetspot

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



151.0840, -11.3804, -83.3887



234.9500, -4.4124, -31.5282



165.6000, -54.0328, -29.4672



115.7820, -2.8505, -19.1028



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.



151.0840, -11.3804, -83.3887



175.6260, -17.0706, -125.0830



159.5200, 20.9426, -90.7870



98.4400, -0.7099, -5.6479



106.6760, -12.6583, -93.5549



24.4720, -2.6977, -21.4619

Inverse Universe

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



108.9160, 11.3804, 83.3887



112.3740, 17.0706, 125.0830



100.4800, -20.9426, 90.7870



95.5600, 0.7099, 5.6479



59.3240, 12.6583, 93.5549



13.6420, 3.1345, 21.3620

Previews

White Background



This preview shows how the YUV color 151.0840, -11.3804, -83.3887 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 151.0840, -11.3804, -83.3887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

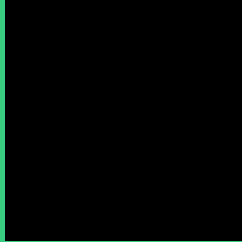
Any Text WCAG AA ✓ Pass

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 151.0840, -11.3804, -83.3887 Background



This preview shows how black text looks on a background with the YUV color 151.0840, -11.3804, -83.3887.

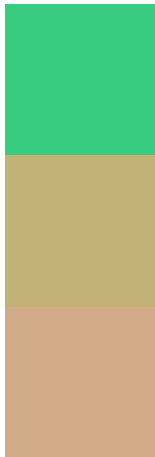


This preview shows how white text looks on a background with the YUV color 151.0840, -11.3804, -83.3887.

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

151.0840, -11.3804, -83.3887

Protanopia

175.8300, -29.0032, 15.9351

Deuteranopia

178.6710, -21.0368, 27.4755



Tritanopia

164.4290, 22.4665, -66.1512

Trichromacy



Original Color

151.0840, -11.3804, -83.3887



Protanomaly

166.6190, -22.4902, -19.8369



Deuteranomaly

168.6290, -17.5651, -12.8296



Tritanomaly

159.7690, 9.9739, -72.5884

Monochromacy



Original Color

151.0840, -11.3804, -83.3887



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

150.7760, -3.8336, -30.4986

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.0840, -11.3804, -83.3887 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(56, 204, 128)` looks like.

```
.text, #text, p{  
    color:rgb(56, 204, 128)  
}
```

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(56, 204, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 204, 128) }
```

Border

The CSS property to change the border of an element to YUV 151.0840, -11.3804, -83.3887 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(56, 204, 128) }
```


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

```
.border{ border-color:rgb(56, 204, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 204, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 204, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 204, 128);  
box-shadow:4px 4px 4px 4px rgb(56, 204,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 151.0840, -11.3804, -83.3887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 204, 128) }
```

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

```
.background{ background-color: rgb(56, 204,  
128) }
```

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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