

Converting Colors

YUV(139.1130, 1.4233,
-83.4141)

Have a look what the booklet for
YUV(139.1130, 1.4233, -83.4141)
contains.

YUV(139.1130, 1.4233, -83.4141)	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(139.1130, 1.4233,
-83.4141)**

Conversions

Conversions Part 1

Format	Color
Hex	2CBB8E
RGB	44, 187, 142
RGB Percent	17%, 73%, 56%
CMY	0.8275, 0.2667, 0.4431
CMYK	0.76, 0.00, 0.24, 0.27
HSL	161°, 62%, 45%
HSV	161°, 76%, 73%
XYZ	23.6915, 38.0291, 31.6829
YIQ	139.1130, -70.7830, -44.3110

Conversions

Conversions Part 2

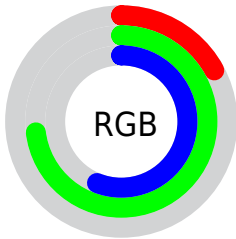
Format	Color
RYB	44, 129, 187
Decimal	2931598
CIELab	68.04, -47.58, 12.37
CIElCh	68, 49.162, 165.428
Yxy	38.0291, 0.2536, 0.4071
Android (android.graphics.Color)	4281121678 (0xFF2CBB8E)
YUV	139.1130, 1.4233, -83.4141
Hunter-Lab	61.6678, -39.3424, 12.7062

Details

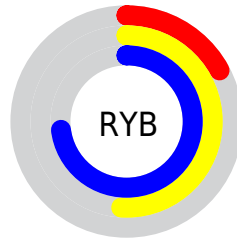
The YUV color **139.1130, 1.4233, -83.4141** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **91.8870, -1.4233, 83.4141**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.0600, -1.5086, -76.3516**, and **88.5590, 1.6964, -77.6662** is the 20% darker color. If you saturate the color by 10%, you get **132.7480, 1.6032, -94.4950**, and if you desaturate by 10%, it is **145.4780, 1.2433, -72.3332**.

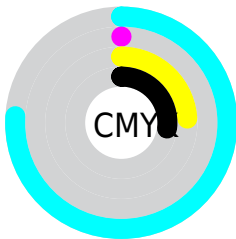
Distribution



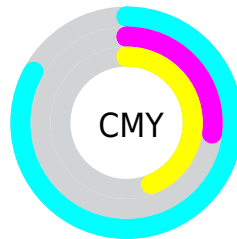
- Red (17%)
- Green (73%)
- Blue (56%)



- Red (17%)
- Yellow (51%)
- Blue (73%)



- Cyan (76%)
- Magenta (0%)
- Yellow (24%)
- Black (27%)





- Cyan (83%)
- Magenta (27%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.1130, 1.4233, -83.4141 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 139.1130, 1.4233, -83.4141 by changing the saturation by 10% instead.


 139.1130, 1.4233,
-83.4141

 139.1130, 1.4233,
-83.4141


255.0000, 0.0000,
0.0000

 106.5570, 4.6554,
-93.4505


 199.0600, -1.5086,
-76.3516


 88.5590, 1.6964,
-77.6662


 217.6790, 3.1163,
-66.3705


 70.5610, -1.2626,
-61.8820


 229.8410, 10.9244,
-50.7266

 52.7910, -3.3480,
-46.2977

 239.1530, 7.8126,
-32.5832

 36.3090, -5.5753,
-31.8430

 248.1230, 3.3904,
-14.1399

 20.5450, -10.1287,
-18.0180

 0.0000, 0.0000,

0.0000

■ 139.1130, 1.4233,
-83.4141

■ 139.1130, 1.4233,
-83.4141

■ 132.7480, 1.6032,
-94.4950

■ 145.4780, 1.2433,
-72.3332

■ 126.6820, 1.6358,
-104.9611

■ 151.5440, 1.2108,
-61.8671

■ 124.3610, 1.7940,
-109.0646

■ 157.9090, 1.0309,
-50.7862

■ 164.2740, 0.8509,
-39.7053

■ 170.2260, 0.3816,
-29.1392

■ 176.5910, 0.2016,
-18.0583

■ 182.9560, 0.0217,
-6.9774

■ 189.3210, -0.1583,
4.1035

■ 195.3870, -0.1908,
14.5696

Harmonies

Analogous

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



153.6410, -25.9520, -29.5032



139.1130, 1.4233, -83.4141



131.7880, 27.7125, -115.5781

Triad

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



139.1130, 1.4233, -83.4141



164.0620, 42.8604, -27.2414



165.4970, -30.3180, 64.4621

Complementary

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



139.1130, 1.4233, -83.4141



91.8870, -1.4233, 83.4141

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.



167.0030, -10.8475, 72.7884



139.1130, 1.4233, -83.4141



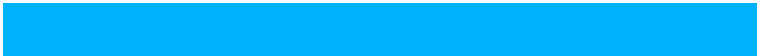
170.6080, 28.2943, 24.8998

Square

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



139.1130, 1.4233, -83.4141



132.5130, 58.4141, -116.2139



169.3060, 9.7091, 59.3676



163.6670, -41.7408, 41.5110

Rectangle

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



139.1130, 1.4233, -83.4141



134.3930, 40.2323, -117.8627



169.3060, 9.7091, 59.3676



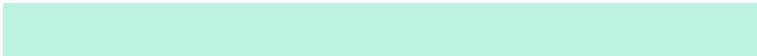
165.8380, -24.0771, 69.4251

Sweetspot

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



139.1130, 1.4233, -83.4141



223.6170, 0.6818, -32.1131



141.3960, -48.0162, -45.9513



110.6940, 0.6439, -19.9026



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



139.1130, 1.4233, -83.4141



167.3430, 2.2959, -130.0968



128.9810, 28.6034, -74.5283



90.9670, 0.0163, -5.2331



105.0580, 1.4504, -92.1359



20.5910, 0.2016, -18.0583

Inverse Universe

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



91.8870, -1.4233, 83.4141



93.7710, -1.8591, 129.9968



102.0190, -28.6034, 74.5283



88.0330, -0.0163, 5.2331



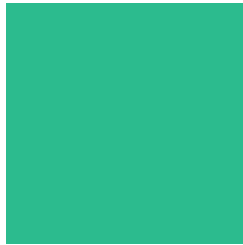
52.9420, -1.4504, 92.1359



10.4090, -0.2016, 18.0583

Previews

White Background



This preview shows how the YUV color 139.1130, 1.4233, -83.4141 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 139.1130, 1.4233, -83.4141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

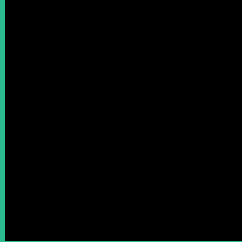
Any Text WCAG AA ✓ Pass

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 139.1130, 1.4233, -83.4141 Background



This preview shows how black text looks on a background with the YUV color 139.1130, 1.4233, -83.4141.



This preview shows how white text looks on a background with the YUV color 139.1130, 1.4233,

-83.4141.

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

139.1130, 1.4233, -83.4141

Protanopia

163.5270, -16.0358, 10.0618

Deuteranopia

165.8190, -8.7848, 17.6987



Tritanopia

149.4180, 22.4719, -67.8956

Trichromacy



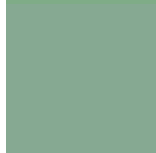
Original Color

139.1130, 1.4233, -83.4141



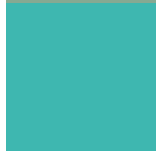
Protanomaly

154.3270, -9.5282, -23.9658



Deuteranomaly

155.9130, -4.8871, -19.2177



Tritanomaly

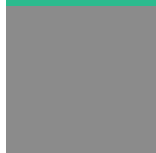
146.0230, 14.7787, -73.6882

Monochromacy



Original Color

139.1130, 1.4233, -83.4141



Achromatopsia

139.0000, 0.0000, 0.0000



Achromatomaly

138.6280, 0.6764, -30.3688

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.1130, 1.4233, -83.4141 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, 187, 142)` looks like.

```
.text, #text, p{  
    color:rgb(44, 187, 142)  
}
```

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, 187, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 187, 142) }
```

Border

The CSS property to change the border of an element to YUV 139.1130, 1.4233, -83.4141 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, 187, 142) }
```


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

```
.border{ border-color:rgb(44, 187, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 187, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 187, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 187, 142);  
box-shadow:4px 4px 4px 4px rgb(44, 187,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 139.1130, 1.4233, -83.4141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 187, 142) }
```

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

```
.background{ background-color: rgb(44, 187,  
142) }
```

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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