

Converting Colors

YUV(139.1370, -8.4485,
-90.4511)

Have a look what the booklet for
YUV(139.1370, -8.4485, -90.4511)
contains.

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Color

**YUV(139.1370, -8.4485,
-90.4511)**

Conversions

Conversions Part 1

Format	Color
Hex	24C37A
RGB	36, 195, 122
RGB Percent	14%, 76%, 48%
CMY	0.8588, 0.2353, 0.5216
CMYK	0.82, 0.00, 0.37, 0.24
HSL	152°, 69%, 45%
HSV	152°, 82%, 76%
XYZ	23.7555, 40.8104, 25.0375
YIQ	139.1370, -71.3310, -56.4110

Conversions

Conversions Part 2

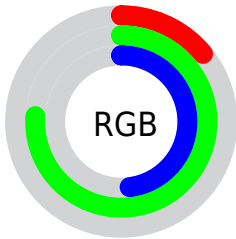
Format	Color
RYB	36, 139, 195
Decimal	2409338
CIELab	70.04, -55.92, 25.82
CIELCh	70, 61.595, 155.216
Yxy	40.8104, 0.2651, 0.4555
Android (android.graphics.Color)	4280599418 (0xFF24C37A)
YUV	139.1370, -8.4485, -90.4511
Hunter-Lab	63.8830, -45.4184, 21.4808

Details

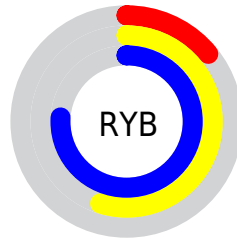
The YUV color **139.1370, -8.4485, -90.4511** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **91.8630, 8.4485, 90.4511**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.0520, -12.8436, -80.7296**, and **90.3880, -9.0653, -79.2703** is the 20% darker color. If you saturate the color by 10%, you get **132.1310, -9.4316, -101.8469**, and if you desaturate by 10%, it is **145.8440, -7.3181, -79.6702**.

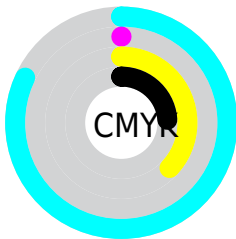
Distribution



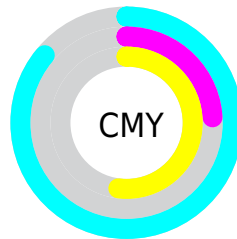
- Red (14%)
- Green (76%)
- Blue (48%)



- Red (14%)
- Yellow (55%)
- Blue (76%)



- Cyan (82%)
- Magenta (0%)
- Yellow (37%)
- Black (24%)





- Cyan (86%)
- Magenta (24%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.1370, -8.4485, -90.4511 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 139.1370, -8.4485, -90.4511 by changing the saturation by 10% instead.


 139.1370, -8.4485,
-90.4511


 139.1370, -8.4485,
-90.4511


255.0000, 0.0000,
0.0000

 109.0870, -5.9589,
-95.6693


 201.0520,
-12.8436, -80.7296

 90.3880, -9.0653,
-79.2703


 214.6870, -5.7617,
-65.5005

 71.9170, -11.2981,
-63.0712


 226.8490, 2.0464,
-49.8566

 54.6200, -14.1097,
-47.9017

 238.8540, 7.9600,
-33.1980

 37.2090, -17.3580,
-32.6323

 247.8240, 3.5378,
-14.7546

 23.4800, -11.5756,
-20.5920

 0.0000, 0.0000,

0.0000

■ 139.1370, -8.4485,
-90.4511

■ 139.1370, -8.4485,
-90.4511

■ 132.1310, -9.4316,
-101.8469

■ 145.8440, -7.3181,
-79.6702

■ 126.4350,
-10.5675, -110.8835

■ 152.8500, -6.3350,
-68.2745

■ 159.5570, -5.2046,
-57.4935

■ 166.5630, -4.2216,
-46.0978

■ 173.2700, -3.0911,
-35.3168

■ 180.2760, -2.1081,
-23.9211

■ 186.9830, -0.9776,
-13.1401

■ 193.9890, 0.0054,
-1.7444

■ 200.6960, 1.1359,
9.0366

Harmonies

Analogous

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



157.6840, -41.2562, -20.7709



139.1370, -8.4485, -90.4511



136.7460, 21.3242, -119.9262

Triad

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



139.1370, -8.4485, -90.4511



152.1380, 50.7110, -72.0350



165.0950, -27.1618, 78.8467

Complementary

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



139.1370, -8.4485, -90.4511



91.8630, 8.4485, 90.4511

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.



165.3810, -0.6808, 78.5959



139.1370, -8.4485, -90.4511



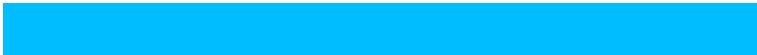
174.2070, 39.8309, 11.2195

Square

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



139.1370, -8.4485, -90.4511



140.0130, 56.6886, -122.7914



175.1290, 21.6284, 63.0309



167.4370, -49.5154, 61.8838

Rectangle

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



139.1370, -8.4485, -90.4511



140.9640, 37.4857, -123.6254



175.1290, 21.6284, 63.0309



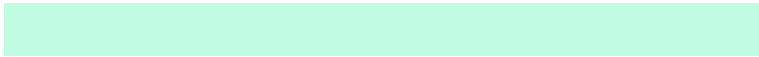
164.0980, -18.2893, 79.7211

Sweetspot

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



139.1370, -8.4485, -90.4511



230.9820, -2.9491, -34.1872



151.4590, -56.9213, -36.3595



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.



139.1370, -8.4485, -90.4511



165.2650, -12.9486, -140.5524



144.5240, 24.8847, -95.1755



93.4400, -0.7099, -5.6479



104.4250, -8.5905, -91.5807



21.4230, -1.6875, -18.7880

Inverse Universe

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



91.8630, 8.4485, 90.4511



91.8490, 13.3854, 140.4524



86.4760, -24.8847, 95.1755



90.5600, 0.7099, 5.6479



56.5750, 8.5905, 91.5807



11.5770, 1.6875, 18.7880

Previews

White Background



This preview shows how the YUV color 139.1370, -8.4485, -90.4511 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 139.1370, -8.4485, -90.4511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

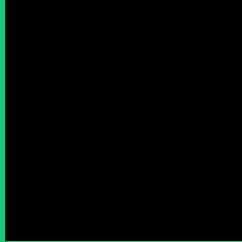
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 139.1370, -8.4485, -90.4511

Background



This preview shows how black text looks on a background with the YUV color 139.1370, -8.4485, -90.4511.



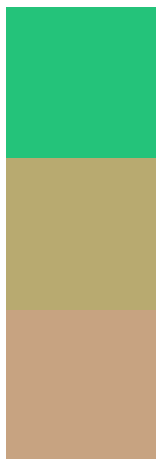
This preview shows how white text looks on a background with the YUV color 139.1370, -8.4485, -90.4511.

-90.4511.

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

139.1370, -8.4485, -90.4511

Protanopia

167.5740, -27.3980, 14.4056

Deuteranopia

169.8880, -20.1578, 25.5312



Tritanopia

155.1190, 22.6193, -68.5104

Trichromacy



Original Color

139.1370, -8.4485, -90.4511



Protanomaly

157.1670, -20.2953, -23.8255



Deuteranomaly

158.9490, -16.2439, -16.6183



Tritanomaly

149.0890, 11.2951, -76.3771

Monochromacy



Original Color

139.1370, -8.4485, -90.4511



Achromatopsia

139.0000, 0.0000, 0.0000



Achromatomaly

138.9930, -2.9545, -32.4429

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.1370, -8.4485, -90.4511 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(36, 195, 122)` looks like.

```
.text, #text, p{  
    color:rgb(36, 195, 122)  
}
```

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(36, 195, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 195, 122) }
```

Border

The CSS property to change the border of an element to YUV 139.1370, -8.4485, -90.4511 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(36, 195, 122) }
```


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

```
.border{ border-color:rgb(36, 195, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 195, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 195, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 195, 122);  
box-shadow:4px 4px 4px 4px rgb(36, 195,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 139.1370, -8.4485, -90.4511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 195, 122) }
```

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

```
.background{ background-color: rgb(36, 195,  
122) }
```

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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