

Converting Colors

YUV(139.6480, -13.6305,
-108.4393)

Have a look what the booklet for
YUV(139.6480, -13.6305, -108.4393)
contains.

YUV(139.6480, -13.6305, -108.4393)	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(139.6480, -13.6305,
-108.4393)**

Conversions

Conversions Part 1

Format	Color
Hex	10D070
RGB	16, 208, 112
RGB Percent	6%, 82%, 44%
CMY	0.9373, 0.1843, 0.5608
CMYK	0.92, 0.00, 0.46, 0.18
HSL	150°, 86%, 44%
HSV	150°, 92%, 82%
XYZ	25.6942, 46.3918, 22.9295
YIQ	139.6480, -83.6160, -70.5600

Conversions

Conversions Part 2

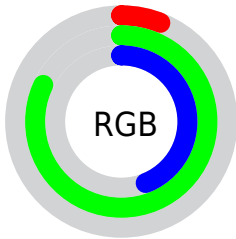
Format	Color
RYB	16, 144, 208
Decimal	1101936
CIELab	73.80, -63.77, 35.84
CIELCh	74, 73.147, 150.665
Yxy	46.3918, 0.2704, 0.4883
Android (android.graphics.Color)	4279292016 (0xFF10D070)
YUV	139.6480, -13.6305, -108.4393
Hunter-Lab	68.1115, -51.8583, 27.7183

Details

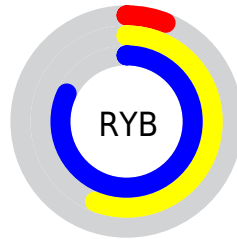
The YUV color **139.6480, -13.6305, -108.4393** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **84.3520, 13.6305, 108.4393**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.1890, -17.3482, -82.6038**, and **96.2920, -16.9060, -84.4481** is the 20% darker color. If you saturate the color by 10%, you get **133.9520, -14.7663, -117.4759**, and if you desaturate by 10%, it is **147.0670, -12.3580, -96.5288**.

Distribution



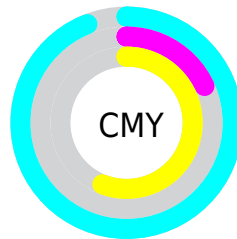
- Red (6%)
- Green (82%)
- Blue (44%)



- Red (6%)
- Yellow (56%)
- Blue (82%)



- Cyan (92%)
- Magenta (0%)
- Yellow (46%)
- Black (18%)



- Cyan (94%)
- Magenta (18%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.6480, -13.6305, -108.4393 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 139.6480, -13.6305, -108.4393 by changing the saturation by 10% instead.

■ 139.6480,
-13.6305, -108.4393

■ 139.6480,
-13.6305, -108.4393

■ 255.0000, 0.0000,
0.0000

■ 115.5780,
-14.0890, -101.3619

■ 200.1890,
-17.3482, -82.6038

■ 96.2920, -16.9060,
-84.4481

■ 212.9490, -9.8349,
-65.7303

■ 77.5930, -20.0123,
-68.0491

■ 225.4100, -2.1741,
-49.4716

■ 59.3670, -23.8449,
-52.0649

■ 237.9850, 5.9234,
-33.3128

■ 42.8510, -21.1255,
-37.5803

■ 247.8240, 3.5378,
-14.7546

■ 29.3500, -14.4695,
-25.7399

■ 12.9140, -6.3666,

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 139.6480,
-13.6305, -108.4393

■ 139.6480,
-13.6305, -108.4393

■ 133.9520,
-14.7663, -117.4759

■ 147.0670,
-12.3580, -96.5288

■ 154.6000,
-10.6488, -84.7182

■ 161.7200, -9.2290,
-73.4224

■ 169.2530, -7.5197,
-61.6119

■ 176.6720, -6.2473,
-49.7013

■ 184.0910, -4.9749,
-37.7908

■ 191.6240, -3.2656,
-25.9802

■ 198.7440, -1.8458,
-14.6845

■ 206.2770, -0.1366,
-2.8739

Harmonies

Analogous

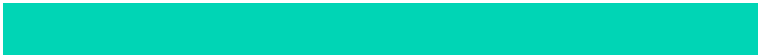
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



165.3350, -55.3812, -16.9568



139.6480, -13.6305, -108.4393



145.6650, 17.4202, -127.7482

Triad

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



139.6480, -13.6305, -108.4393



140.0130, 56.6886, -122.7914



163.5450, -22.9467, 80.2060

Complementary

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



139.6480, -13.6305, -108.4393



84.3520, 13.6305, 108.4393

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.



164.6120, 9.0653, 79.2703



139.6480, -13.6305, -108.4393



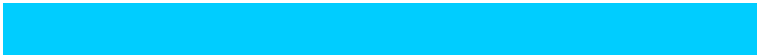
179.1690, 37.3847, 2.4828

Square

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



139.6480, -13.6305, -108.4393



149.4050, 52.0583, -131.0282



182.5880, 32.2481, 63.5053



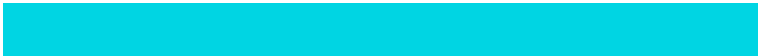
173.0100, -55.2209, 71.9052

Rectangle

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



139.6480, -13.6305, -108.4393



150.9090, 37.5129, -132.3472



182.5880, 32.2481, 63.5053



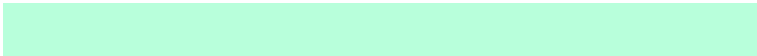
161.8300, -11.7482, 81.7101

Sweetspot

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



139.6480, -13.6305, -108.4393



229.6670, -5.2588, -40.0500



157.4080, -69.7141, -39.8228



112.3360, -3.1236, -24.8507



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.



139.6480, -13.6305, -108.4393



164.2770, -17.8846, -144.0709



150.5920, 28.3021, -118.0372



101.0270, -0.9993, -6.1627



108.1920, -11.9267, -94.8844



26.3470, -3.1291, -23.1063

Inverse Universe

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



84.3520, 13.6305, 108.4393



90.8370, 18.3214, 143.9710



73.4080, -28.3021, 118.0372



97.8590, 0.5625, 6.2627



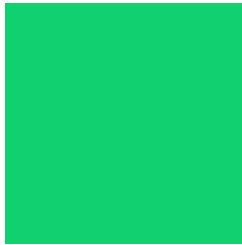
59.8080, 11.9267, 94.8844



14.5390, 2.6923, 23.2063

Previews

White Background



This preview shows how the YUV color 139.6480, -13.6305, -108.4393 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 139.6480, -13.6305, -108.4393 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 139.6480, -13.6305, -108.4393 Background



This preview shows how black text looks on a background with the YUV color 139.6480, -13.6305, -108.4393.

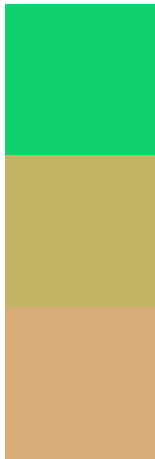


This preview shows how white text looks on a background with the YUV color 139.6480, -13.6305, -108.4393.

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

139.6480, -13.6305, -108.4393

Protanopia

176.1910, -36.5762, 18.2495

Deuteranopia

179.0430, -28.6152, 31.5343



Tritanopia

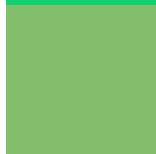
163.5420, 24.3828, -74.1433

Trichromacy



Original Color

139.6480, -13.6305, -108.4393



Protanomaly

162.7830, -27.9940, -27.8737



Deuteranomaly

164.8040, -23.0744, -19.1221



Tritanomaly

154.7950, 10.4541, -86.6432

Monochromacy



Original Color

139.6480, -13.6305, -108.4393



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

140.0800, -4.9694, -39.5352

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.6480, -13.6305, -108.4393 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(16, 208, 112)` looks like.

```
.text, #text, p{  
    color:rgb(16, 208, 112)  
}
```

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(16, 208, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 208, 112) }
```

Border

The CSS property to change the border of an element to YUV 139.6480, -13.6305, -108.4393 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(16, 208, 112) }
```


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

```
.border{ border-color:rgb(16, 208, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 208, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 208, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 208, 112);  
box-shadow:4px 4px 4px 4px rgb(16, 208,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 139.6480, -13.6305, -108.4393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 208, 112) }
```

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

```
.background{ background-color: rgb(16, 208,  
112) }
```

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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