

Converting Colors

YUV(133.5200, -39.6964,
-101.3110)

Have a look what the booklet for
YUV(133.5200, -39.6964, -101.3110)
contains.

YUV(133.5200, -39.6964, -101.3110)	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(133.5200, -39.6964,
-101.3110)**

Conversions

Conversions Part 1

Format	Color
Hex	12D035
RGB	18, 208, 53
RGB Percent	7%, 82%, 21%
CMY	0.9294, 0.1843, 0.7922
CMYK	0.91, 0.00, 0.75, 0.18
HSL	131°, 84%, 44%
HSV	131°, 91%, 82%
XYZ	23.4479, 45.4974, 10.9142
YIQ	133.5200, -63.4850, -88.4850

Conversions

Conversions Part 2

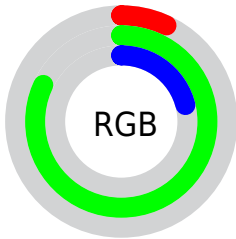
Format	Color
RYB	18, 178, 208
Decimal	1232949
CIELab	73.22, -70.97, 60.92
CIELCh	73, 93.533, 139.359
Yxy	45.4974, 0.2936, 0.5697
Android (android.graphics.Color)	4279423029 (0xFF12D035)
YUV	133.5200, -39.6964, -101.3110
Hunter-Lab	67.4518, -55.9895, 37.6227

Details

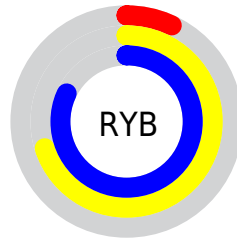
The YUV color **133.5200, -39.6964, -101.3110** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **92.4800, 39.6964, 101.3110**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.4030, -42.1037, -75.7754**, and **89.2240, -43.9874, -78.2494** is the 20% darker color. If you saturate the color by 10%, you get **126.4280, -43.5950, -110.8774**, and if you desaturate by 10%, it is **141.7370, -35.3663, -90.1003**.

Distribution



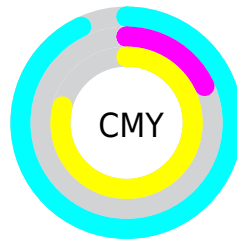
- Red (7%)
- Green (82%)
- Blue (21%)



- Red (7%)
- Yellow (70%)
- Blue (82%)



- Cyan (91%)
- Magenta (0%)
- Yellow (75%)
- Black (18%)



- Cyan (93%)
- Magenta (18%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.5200, -39.6964, -101.3110 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 133.5200, -39.6964, -101.3110 by changing the saturation by 10% instead.

■ 133.5200,
-39.6964, -101.3110

■ 133.5200,
-39.6964, -101.3110

255.0000, 0.0000,
0.0000

■ 107.5980,
-44.6648, -94.3634

■ 194.4030,
-42.1037, -75.7754

■ 89.2240, -43.9874,
-78.2494

■ 207.4620,
-34.7378, -58.2872

■ 73.3750, -36.1739,
-64.3499

■ 220.2220,
-27.2244, -41.4137

■ 57.5260, -28.3603,
-50.4503

■ 232.7970,
-19.1269, -25.2550

■ 42.2640, -20.8362,
-37.0655

■ 245.3720,
-11.0294, -9.0962

■ 28.1760, -13.8908,
-24.7104

254.6580, -1.3104,

■ 11.1530, -5.4984,

0.2999

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 133.5200,
-39.6964, -101.3110

■ 133.5200,
-39.6964, -101.3110

■ 126.4280,
-43.5950, -110.8774

■ 141.7370,
-35.3663, -90.1003

■ 149.9540,
-31.0363, -78.8897

■ 157.8720,
-26.5589, -68.2937

■ 166.0890,
-22.2289, -57.0831

■ 174.3060,
-17.8989, -45.8724

■ 182.5230,
-13.5688, -34.6617

■ 190.7400, -9.2388,
-23.4510

■ 198.6580, -4.7614,
-12.8551

■ 206.8750, -0.4314,
-1.6444

Harmonies

Analogous

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



161.7400, -79.7378, 1.9820



133.5200, -39.6964, -101.3110



143.3220, 0.8273, -125.6934

Triad

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



133.5200, -39.6964, -101.3110



145.8830, 53.7947, -127.9394



139.0850, -4.9719, 101.6575

Complementary

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



133.5200, -39.6964, -101.3110



92.4800, 39.6964, 101.3110

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.



148.7750, 32.1559, 93.1593



133.5200, -39.6964, -101.3110



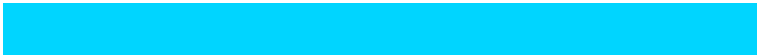
156.9550, 48.3362, -56.9655

Square

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



133.5200, -39.6964, -101.3110



154.1010, 49.7432, -135.1466



178.3690, 37.7791, 62.8204



154.7500, -54.1067, 87.9193

Rectangle

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



133.5200, -39.6964, -101.3110



150.7490, 26.7457, -132.2069



178.3690, 37.7791, 62.8204



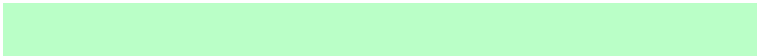
138.1680, 9.2842, 102.4617

Sweetspot

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



133.5200, -39.6964, -101.3110



227.9850, -14.2896, -36.8208



175.8750, -77.8324, -2.5214



111.8650, -8.8074, -21.8066



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.



133.5200, -39.6964, -101.3110



155.0430, -53.2652, -135.9727



144.3500, 1.7995, -110.8089



100.6850, -2.3097, -5.8627



102.1500, -35.0770, -89.5856



24.9790, -8.3706, -21.9066

Inverse Universe

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



92.4800, 39.6964, 101.3110



99.9570, 53.2652, 135.9727



81.6500, -1.7994, 110.8090



98.3150, 2.3097, 5.8627



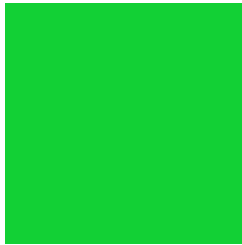
65.8500, 35.0770, 89.5856



16.0210, 8.3706, 21.9066

Previews

White Background



This preview shows how the YUV color 133.5200, -39.6964, -101.3110 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 133.5200, -39.6964, -101.3110 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 133.5200, -39.6964, -101.3110 Background



This preview shows how black text looks on a background with the YUV color 133.5200, -39.6964, -101.3110.



This preview shows how white text looks on a background with the YUV color 133.5200, -39.6964, -101.3110.

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

133.5200, -39.6964, -101.3110

Protanopia

170.0030, -61.6265, 26.3074

Deuteranopia

173.3330, -51.9292, 42.6810



Tritanopia

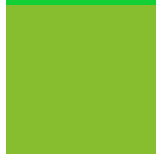
163.8310, 22.7613, -67.3808

Trichromacy



Original Color

133.5200, -39.6964, -101.3110



Protanomaly

157.0680, -53.7705, -20.2306



Deuteranomaly

158.8550, -47.2565, -9.5198



Tritanomaly

152.7930, 0.1021, -79.6255

Monochromacy



Original Color

133.5200, -39.6964, -101.3110



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

133.9850, -14.2896, -36.8208

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.5200, -39.6964, -101.3110 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(18, 208, 53)` looks like.

```
.text, #text, p{  
    color:rgb(18, 208, 53)  
}
```

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(18, 208, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 208, 53) }
```

Border

The CSS property to change the border of an element to YUV 133.5200, -39.6964, -101.3110 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(18, 208, 53) }
```


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

```
.border{ border-color:rgb(18, 208, 53) }
```

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

Here you see how a box with a 4 pixel rgb(18, 208, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 208, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 208, 53);  
box-shadow:4px 4px 4px 4px rgb(18, 208,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 133.5200, -39.6964, -101.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 208, 53) }
```

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

```
.background{ background-color: rgb(18, 208,  
53) }
```

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