

Converting Colors

YUV(138.1810, -32.1342,
-100.1367)

Have a look what the booklet for
YUV(138.1810, -32.1342, -100.1367)
contains.

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Color

**YUV(138.1810, -32.1342,
-100.1367)**

Conversions

Conversions Part 1

Format	Color
Hex	18D149
RGB	24, 209, 73
RGB Percent	9%, 82%, 29%
CMY	0.9059, 0.1804, 0.7137
CMYK	0.89, 0.00, 0.65, 0.18
HSL	136°, 79%, 46%
HSV	136°, 89%, 82%
XYZ	24.3798, 46.2762, 13.9506
YIQ	138.1810, -66.6040, -81.5160

Conversions

Conversions Part 2

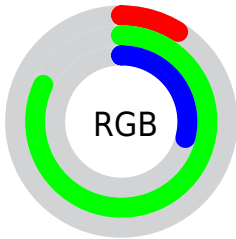
Format	Color
RYB	24, 170, 209
Decimal	1626441
CIELab	73.72, -69.06, 53.87
CIElCh	74, 87.583, 142.042
Yxy	46.2762, 0.2882, 0.5470
Android (android.graphics.Color)	4279816521 (0xFF18D149)
YUV	138.1810, -32.1342, -100.1367
Hunter-Lab	68.0266, -55.0747, 35.4597

Details

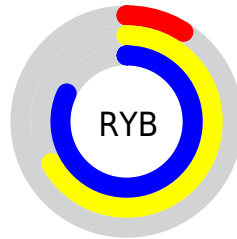
The YUV color **138.1810, -32.1342, -100.1367** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **94.8190, 32.1342, 100.1367**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.0530, -34.5361, -76.3455**, and **90.9510, -39.9088, -79.7640** is the 20% darker color. If you saturate the color by 10%, you get **130.1920, -35.5907, -111.5474**, and if you desaturate by 10%, it is **146.1700, -28.6778, -88.7261**.

Distribution



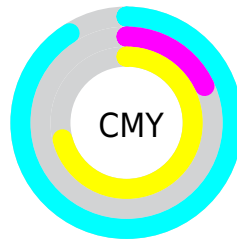
- Red (9%)
- Green (82%)
- Blue (29%)



- Red (9%)
- Yellow (67%)
- Blue (82%)



- Cyan (89%)
- Magenta (0%)
- Yellow (65%)
- Black (18%)



- Cyan (91%)
- Magenta (18%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.1810, -32.1342, -100.1367 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 138.1810, -32.1342, -100.1367 by changing the saturation by 10% instead.

■ 138.1810,
-32.1342, -100.1367

■ 138.1810,
-32.1342, -100.1367

■ 255.0000, 0.0000,
0.0000

■ 111.3770,
-32.7239, -97.6776

■ 197.0530,
-34.5361, -76.3455

■ 90.9510, -39.9088,
-79.7640

■ 209.6990,
-27.4596, -59.3720

■ 73.9620, -36.4633,
-64.8647

■ 222.1600,
-19.7989, -43.1133

■ 58.1130, -28.6497,
-50.9651

■ 234.7350,
-11.7014, -26.9546

■ 42.8510, -21.1255,
-37.5803

■ 247.3100, -3.6038,
-10.7959

■ 29.3500, -14.4695,
-25.7399

■ 12.3270, -6.0772,

-10.8108

■ 0.0000, 0.0000,
0.0000

■ 138.1810,
-32.1342, -100.1367

■ 138.1810,
-32.1342, -100.1367

■ 130.1920,
-35.5907, -111.5474

■ 146.1700,
-28.6778, -88.7261

■ 128.9530,
-36.4588, -113.0918

■ 154.2730,
-24.7846, -77.4154

■ 162.2620,
-21.3282, -66.0048

■ 170.2510,
-17.8717, -54.5941

■ 178.0550,
-13.8311, -43.8982

■ 186.0440,
-10.3747, -32.4876

■ 194.1470, -6.4815,
-21.1769

■ 202.1360, -3.0250,
-9.7663

■ 210.1250, 0.4314,
1.6444

Harmonies

Analogous

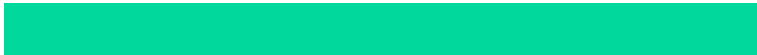
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



162.3050, -80.0164, -2.0215



138.1810, -32.1342, -100.1367



144.5760, 5.6320, -126.7932

Triad

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



138.1810, -32.1342, -100.1367



144.7090, 54.3735, -126.9098



148.7220, -11.2019, 93.2058

Complementary

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



138.1810, -32.1342, -100.1367



94.8190, 32.1342, 100.1367

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.



154.9070, 25.1888, 87.7816



138.1810, -32.1342, -100.1367



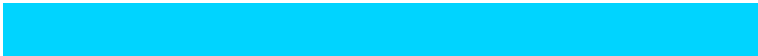
166.8440, 43.4609, -33.1892

Square

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



138.1810, -32.1342, -100.1367



153.5140, 50.0326, -134.6318



181.6250, 36.1739, 64.3499



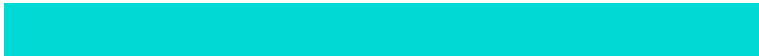
161.1900, -54.8167, 82.2714

Rectangle

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



138.1810, -32.1342, -100.1367



151.5470, 29.8033, -132.9067



181.6250, 36.1739, 64.3499



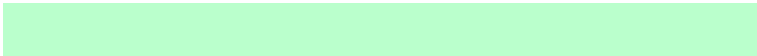
146.9900, 2.4699, 94.7248

Sweetspot

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



138.1810, -32.1342, -100.1367



228.5550, -12.1056, -37.3207



174.1560, -74.0269, -9.7838



112.3210, -7.0603, -22.2065



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.



138.1810, -32.1342, -100.1367



157.4370, -44.0924, -138.0722



148.4410, 7.1776, -109.1348



100.7990, -1.8729, -5.9627



103.7460, -28.9618, -90.9852



25.3210, -7.0603, -22.2065

Inverse Universe

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



94.8190, 32.1342, 100.1367



97.5630, 44.0924, 138.0722



84.5590, -7.1776, 109.1348



98.2010, 1.8729, 5.9627



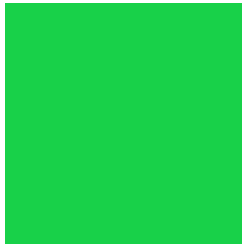
64.3680, 29.3986, 90.8853



15.6790, 7.0603, 22.2065

Previews

White Background



This preview shows how the YUV color 138.1810, -32.1342, -100.1367 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 138.1810, -32.1342, -100.1367 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 138.1810, -32.1342, -100.1367 Background



This preview shows how black text looks on a background with the YUV color 138.1810, -32.1342, -100.1367.

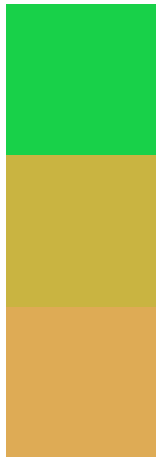


This preview shows how white text looks on a background with the YUV color 138.1810, -32.1342, -100.1367.

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

138.1810, -32.1342, -100.1367

Protanopia

173.1690, -53.3273, 24.4078

Deuteranopia

176.4450, -45.0824, 39.9517



Tritanopia

165.1190, 22.6193, -68.5104

Trichromacy



Original Color

138.1810, -32.1342, -100.1367



Protanomaly

160.8320, -45.7662, -20.9007



Deuteranomaly

162.6790, -40.2677, -11.1195



Tritanomaly

155.4770, 2.7228, -80.2253

Monochromacy



Original Color

138.1810, -32.1342, -100.1367



Achromatopsia

138.0000, 0.0000, 0.0000



Achromatomaly

138.2670, -11.9636, -36.1912

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.1810, -32.1342, -100.1367 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(24, 209, 73)` looks like.

```
.text, #text, p{  
    color:rgb(24, 209, 73)  
}
```

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(24, 209, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 209, 73) }
```

Border

The CSS property to change the border of an element to YUV 138.1810, -32.1342, -100.1367 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(24, 209, 73) }
```


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

```
.border{ border-color:rgb(24, 209, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 209, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 209, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 209, 73);  
box-shadow:4px 4px 4px 4px rgb(24, 209,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 138.1810, -32.1342, -100.1367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 209, 73) }
```

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

```
.background{ background-color: rgb(24, 209,  
73) }
```

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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