

Converting Colors

YUV(136.8140, -38.8553,
-91.0449)

Have a look what the booklet for
YUV(136.8140, -38.8553, -91.0449)
contains.

YUV(136.8140, -38.8553, -91.0449)	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(136.8140, -38.8553,
-91.0449)**

Conversions

Conversions Part 1

Format	Color
Hex	21CD3A
RGB	33, 205, 58
RGB Percent	13%, 80%, 23%
CMY	0.8706, 0.1961, 0.7725
CMYK	0.84, 0.00, 0.72, 0.20
HSL	129°, 72%, 47%
HSV	129°, 84%, 80%
XYZ	23.2222, 44.2915, 11.3282
YIQ	136.8140, -55.3250, -82.1810

Conversions

Conversions Part 2

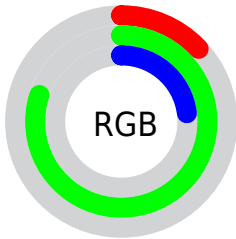
Format	Color
RYB	33, 183, 205
Decimal	2215226
CIELab	72.42, -68.55, 58.39
CIELCh	72, 90.050, 139.579
Yxy	44.2915, 0.2945, 0.5618
Android (android.graphics.Color)	4280405306 (0xFF21CD3A)
YUV	136.8140, -38.8553, -91.0449
Hunter-Lab	66.5518, -54.1809, 36.4942

Details

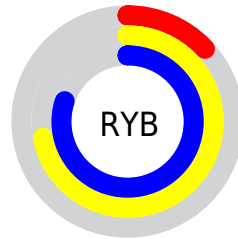
The YUV color **136.8140, -38.8553, -91.0449** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark muted green. A complement of this color would be **101.1860, 38.8553, 91.0449**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.0550, -40.9461, -73.7162**, and **87.4630, -43.1193, -76.7051** is the 20% darker color. If you saturate the color by 10%, you get **128.4830, -43.6221, -102.1556**, and if you desaturate by 10%, it is **145.1450, -34.0885, -79.9342**.

Distribution



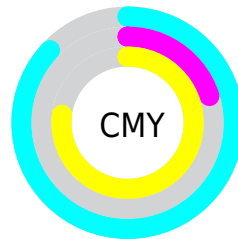
- Red (13%)
- Green (80%)
- Blue (23%)



- Red (13%)
- Yellow (72%)
- Blue (80%)



- Cyan (84%)
- Magenta (0%)
- Yellow (72%)
- Black (20%)



- Cyan (87%)
- Magenta (20%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.8140, -38.8553, -91.0449 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 136.8140, -38.8553, -91.0449 by changing the saturation by 10% instead.

■ 136.8140,
-38.8553, -91.0449

■ 136.8140,
-38.8553, -91.0449

255.0000, 0.0000,
0.0000

■ 106.8630,
-39.8655, -93.7189

■ 196.0550,
-40.9461, -73.7162

■ 87.4630, -43.1193,
-76.7051

■ 208.8150,
-33.4328, -56.8428

■ 71.6140, -35.3057,
-62.8055

■ 221.2760,
-25.7721, -40.5841

■ 56.3520, -27.7815,
-49.4207

■ 233.7370,
-18.1113, -24.3253

■ 41.0900, -20.2574,
-36.0359

■ 246.3120,
-10.0138, -8.1666

■ 27.0020, -13.3120,
-23.6808

■ 9.3920, -4.6303,

-8.2368

■ 0.0000, 0.0000,
0.0000

■ 136.8140,
-38.8553, -91.0449

■ 136.8140,
-38.8553, -91.0449

■ 128.4830,
-43.6221, -102.1556

■ 145.1450,
-34.0885, -79.9342

■ 123.7550,
-46.2212, -108.5331

■ 153.0630,
-29.6111, -69.3383

■ 161.0950,
-24.6968, -58.8423

■ 169.3120,
-20.3668, -47.6316

■ 177.6430,
-15.6000, -36.5209

■ 185.5610,
-11.1226, -25.9250

■ 193.8920, -6.3558,
-14.8143

■ 201.8100, -1.8783,
-4.2184

■ 210.1410, 2.8885,
6.8923

Harmonies

Analogous

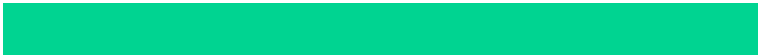
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



159.9680, -78.8642, 1.7821



136.8140, -38.8553, -91.0449



140.9740, 1.9848, -123.6342

Triad

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



136.8140, -38.8553, -91.0449



144.1220, 54.6629, -126.3950



141.9060, -6.8557, 99.1834

Complementary

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



136.8140, -38.8553, -91.0449



101.1860, 38.8553, 91.0449

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.



151.2540, 28.9618, 90.9852



136.8140, -38.8553, -91.0449



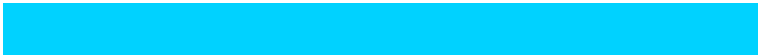
157.5860, 48.0251, -50.5029

Square

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



136.8140, -38.8553, -91.0449



152.3400, 50.6114, -133.6022



177.1730, 38.3687, 60.3613



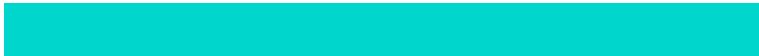
155.7930, -52.6489, 87.0045

Rectangle

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



136.8140, -38.8553, -91.0449



148.7600, 26.7403, -130.4625



177.1730, 38.3687, 60.3613



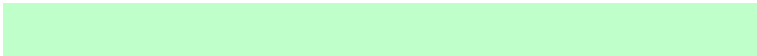
140.8750, 6.9636, 100.0876

Sweetspot

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



136.8140, -38.8553, -91.0449



229.7080, -14.1530, -33.9469



178.5150, -71.7389, 3.0563



112.5770, -8.6655, -20.6770



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.



136.8140, -38.8553, -91.0449



153.9030, -57.6332, -134.9729



146.3900, -2.1643, -99.4430



97.9840, -2.4571, -5.2480



100.1780, -37.5558, -87.8561



22.9900, -8.3761, -20.1622

Inverse Universe

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



101.1860, 38.8553, 91.0449



101.0970, 57.6332, 134.9729



91.6100, 2.1643, 99.4430



96.0160, 2.4571, 5.2480



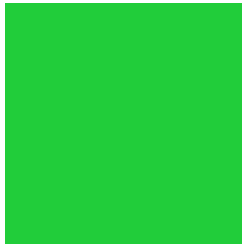
65.8220, 37.5558, 87.8561



15.1240, 8.8129, 20.0623

Previews

White Background



This preview shows how the YUV color 136.8140, -38.8553, -91.0449 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 136.8140, -38.8553, -91.0449 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 136.8140, -38.8553, -91.0449 Background



This preview shows how black text looks on a background with the YUV color 136.8140, -38.8553, -91.0449.



This preview shows how white text looks on a background with the YUV color 136.8140, -38.8553, -91.0449.

-91.0449.

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

136.8140, -38.8553, -91.0449

Protanopia

168.0290, -57.6953, 25.4076

Deuteranopia

171.7180, -49.1610, 41.4663



Tritanopia

162.3260, 22.0243, -64.3069

Trichromacy



Original Color

136.8140, -38.8553, -91.0449



Protanomaly

156.8880, -50.7238, -17.4418



Deuteranomaly

159.0340, -45.3728, -7.0458



Tritanomaly

153.1250, -0.0616, -73.7776

Monochromacy



Original Color

136.8140, -38.8553, -91.0449



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

137.0070, -14.3005, -33.3321

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.8140, -38.8553, -91.0449 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(33, 205, 58)` looks like.

```
.text, #text, p{  
    color:rgb(33, 205, 58)  
}
```

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(33, 205, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 205, 58) }
```

Border

The CSS property to change the border of an element to YUV 136.8140, -38.8553, -91.0449 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(33, 205, 58) }
```


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

```
.border{ border-color:rgb(33, 205, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 205, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 205, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 205, 58);  
box-shadow:4px 4px 4px 4px rgb(33, 205,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 136.8140, -38.8553, -91.0449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 205, 58) }
```

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

```
.background{ background-color: rgb(33, 205,  
58) }
```

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