

Converting Colors

YUV(108.8350, -37.3867,
-95.4483)

Have a look what the booklet for
YUV(108.8350, -37.3867, -95.4483)
contains.

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Color

**YUV(108.8350, -37.3867,
-95.4483)**

Conversions

Conversions Part 1

Format	Color
Hex	00B321
RGB	0, 179, 33
RGB Percent	0%, 70%, 13%
CMY	1.0000, 0.2980, 0.8706
CMYK	1.00, 0.00, 0.82, 0.30
HSL	131°, 100%, 35%
HSV	131°, 100%, 70%
XYZ	16.3946, 32.3500, 6.8189
YIQ	108.8350, -59.8180, -83.3540

Conversions

Conversions Part 2

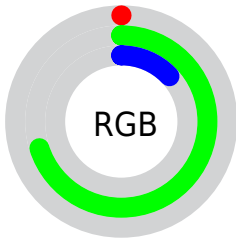
Format	Color
RYB	0, 151, 179
Decimal	45857
CIELab	63.63, -64.91, 57.87
CIELCh	64, 86.962, 138.280
Yxy	32.3500, 0.2951, 0.5822
Android (android.graphics.Color)	4278235937 (0xFF00B321)
YUV	108.8350, -37.3867, -95.4483
Hunter-Lab	56.8771, -48.0829, 32.7057

Details

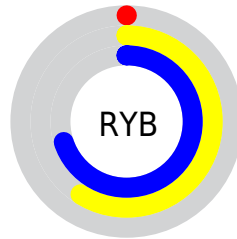
The YUV color **108.8350, -37.3867, -95.4483** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **70.1650, 37.3867, 95.4483**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.9090, -42.8461, -70.9572**, and **72.7880, -35.8845, -63.8351** is the 20% darker color. If you saturate the color by 10%, you get **108.8350, -37.3867, -95.4483**, and if you desaturate by 10%, it is **115.9270, -33.4880, -85.8820**.

Distribution



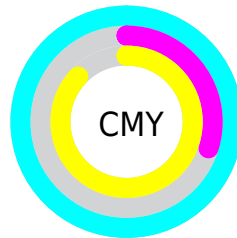
- Red (0%)
- Green (70%)
- Blue (13%)



- Red (0%)
- Yellow (59%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (82%)
- Black (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.8350, -37.3867, -95.4483 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 108.8350, -37.3867, -95.4483 by changing the saturation by 10% instead.

■ 108.8350,
-37.3867, -95.4483

■ 108.8350,
-37.3867, -95.4483

■ 255.0000, 0.0000,
0.0000

■ 88.6370, -43.6980,
-77.7346

■ 177.9090,
-42.8461, -70.9572

■ 72.7880, -35.8845,
-63.8351

■ 201.7080,
-41.2680, -63.7649

■ 57.5260, -28.3603,
-50.4503

■ 213.7560,
-33.8967, -48.0210

■ 42.8510, -21.1255,
-37.5803

■ 226.2170,
-26.2360, -31.7623

■ 28.7630, -14.1802,
-25.2252

■ 238.4930,
-17.9910, -16.2184

■ 12.3270, -6.0772,
-10.8108

■ 251.0680, -9.8935,

■ 0.0000, 0.0000,

-0.0596

0.0000

■ 108.8350,
-37.3867, -95.4483

■ 115.9270,
-33.4880, -85.8820

■ 122.9050,
-30.0262, -76.2157

■ 129.9970,
-26.1275, -66.6494

■ 136.9750,
-22.6657, -56.9831

■ 144.0670,
-18.7670, -47.4168

■ 150.8600,
-14.7210, -38.4652

■ 157.8380,
-11.2591, -28.7989

■ 164.9300, -7.3605,
-19.2326

■ 171.9080, -3.8986,
-9.5663

Harmonies

Analogous

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



139.3130, -68.6813, 2.3565



108.8350, -37.3867, -95.4483



122.8620, -1.4110, -107.7500

Triad

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



108.8350, -37.3867, -95.4483



130.0340, 61.6082, -114.0398



124.1190, -6.4677, 114.7826

Complementary

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



108.8350, -37.3867, -95.4483



70.1650, 37.3867, 95.4483

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.



134.0710, 26.5870, 106.0547



108.8350, -37.3867, -95.4483



130.9070, 61.1778, -69.2014

Square

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



108.8350, -37.3867, -95.4483



137.6650, 57.8462, -120.7322



155.8650, 48.8736, 50.9844



139.9950, -52.2555, 100.8594

Rectangle

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



108.8350, -37.3867, -95.4483



130.1920, 21.5973, -114.1784



155.8650, 48.8736, 50.9844



122.2730, 6.7674, 116.4016

Sweetspot

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



108.8350, -37.3867, -95.4483



204.5720, -14.5790, -37.3356



148.7270, -73.3224, -2.3916



100.5660, -8.6600, -22.4214



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



108.8350, -37.3867, -95.4483



141.0860, -48.3564, -123.7324



118.9810, 1.4884, -104.3463



85.5110, -1.7309, -4.8331



93.0030, -32.0465, -81.5636



15.8320, -5.3402, -13.8847

Inverse Universe

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



70.1650, 37.3867, 95.4483



90.9140, 48.3564, 123.7324



60.0190, -1.4884, 104.3463



83.6030, 2.1677, 4.7332



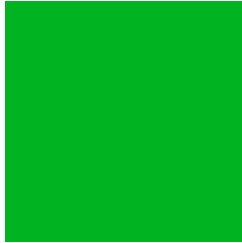
59.9970, 32.0465, 81.5636



10.1680, 5.3402, 13.8847

Previews

White Background



This preview shows how the YUV color 108.8350, -37.3867, -95.4483 looks on a white background.

Color Contrast Check

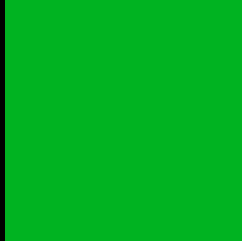
Large Text (above 18pt) WCAG AA × Fail

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 108.8350, -37.3867, -95.4483 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 108.8350, -37.3867, -95.4483 Background



This preview shows how black text looks on a background with the YUV color 108.8350, -37.3867, -95.4483.



This preview shows how white text looks on a background with the YUV color 108.8350, -37.3867, -95.4483.

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



Protanopia

144.2030, -58.2741, 24.3780

Deuteranopia

147.9240, -48.2765, 37.7777

Tritanopia

140.6750, 19.3872, -58.4740

Trichromacy



Protanomaly

130.9910, -50.2816, -19.2861

Deuteranomaly

133.6530, -44.1989, -10.2197

Tritanomaly

128.9080, -0.9406, -71.8333

Monochromacy



Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.5230, -13.5688, -34.6617

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.8350, -37.3867, -95.4483 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(0, 179, 33)` looks like.

```
.text, #text, p{  
    color:rgb(0, 179, 33)  
}
```

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(0, 179, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 179, 33) }
```

Border

The CSS property to change the border of an element to YUV 108.8350, -37.3867, -95.4483 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(0, 179, 33) }
```

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

```
.border{ border-color:rgb(0, 179, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 179, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 179, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 179, 33);  
box-shadow:4px 4px 4px 4px rgb(0, 179, 33)  
}
```


Background

The CSS property to change the background color of an element to YUV 108.8350, -37.3867, -95.4483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 179, 33) }
```

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

```
.background{ background-color: rgb(0, 179,  
33) }
```

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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