

Converting Colors

YUV(133.3100, -37.6208,
-66.9239)

Have a look what the booklet for
YUV(133.3100, -37.6208, -66.9239)
contains.

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Color

**YUV(133.3100, -37.6208,
-66.9239)**

Conversions

Conversions Part 1

Format	Color
Hex	39BB39
RGB	57, 187, 57
RGB Percent	22%, 73%, 22%
CMY	0.7765, 0.2667, 0.7765
CMYK	0.70, 0.00, 0.70, 0.27
HSL	120°, 53%, 48%
HSV	120°, 70%, 73%
XYZ	20.1962, 36.7059, 9.8914
YIQ	133.3100, -35.7500, -67.9900

Conversions

Conversions Part 2

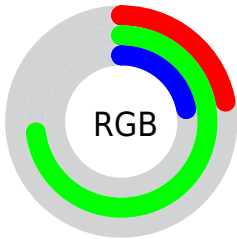
Format	Color
RYB	57, 187, 187
Decimal	3783481
CIELab	67.06, -59.63, 53.29
CIELCh	67, 79.977, 138.215
Yxy	36.7059, 0.3024, 0.5495
Android (android.graphics.Color)	4281973561 (0xFF39BB39)
YUV	133.3100, -37.6208, -66.9239
Hunter-Lab	60.5854, -46.5214, 32.7299

Details

The YUV color **133.3100, -37.6208, -66.9239** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **110.6900, 37.6208, 66.9239**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.3600, -40.1105, -61.7057**, and **77.4840, -38.1996, -67.9535** is the 20% darker color. If you saturate the color by 10%, you get **125.4630, -43.1193, -76.7051**, and if you desaturate by 10%, it is **141.1570, -32.1224, -57.1427**.

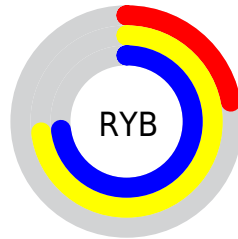
Distribution



Red (22%)

Green (73%)

Blue (22%)



Red (22%)

Yellow (73%)

Blue (73%)

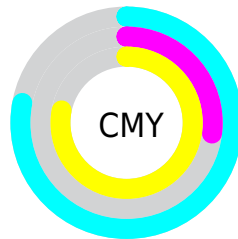


Cyan (70%)

Magenta (0%)

Yellow (70%)

Black (27%)



Cyan (78%)

Magenta (27%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.3100, -37.6208, -66.9239 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 133.3100, -37.6208, -66.9239 by changing the saturation by 10% instead.

■ 133.3100,
-37.6208, -66.9239

■ 133.3100,
-37.6208, -66.9239

■ 255.0000, 0.0000,
0.0000

■ 96.5250, -33.7828,
-84.6524

■ 192.3600,
-40.1105, -61.7057

■ 77.4840, -38.1996,
-67.9535

■ 210.5660,
-35.7750, -52.2394

■ 62.2220, -30.6754,
-54.5687

■ 222.6140,
-28.4037, -36.4955

■ 46.9600, -23.1513,
-41.1839

■ 234.7760,
-20.5956, -20.8516

■ 32.8720, -16.2059,
-28.8287

■ 247.3510,
-12.4980, -4.6928

■ 18.7840, -9.2605,
-16.4736

■ 254.5440, -1.7472,

■ 0.0000, 0.0000,

0.3999

0.0000

■ 133.3100,
-37.6208, -66.9239

■ 133.3100,
-37.6208, -66.9239

■ 125.4630,
-43.1193, -76.7051

■ 141.1570,
-32.1224, -57.1427

■ 118.0290,
-48.3283, -85.9714

■ 148.5910,
-26.9134, -47.8763

■ 110.1820,
-53.8267, -95.7526

■ 156.4380,
-21.4149, -38.0951

■ 109.7690,
-54.1161, -96.2674

■ 164.2850,
-15.9165, -28.3139

■ 171.7190,
-10.7075, -19.0476

■ 179.5660, -5.2090,
-9.2664

■ 187.4130, 0.2894,
0.5148

■ 195.2600, 5.7878,
10.2960

■ 202.6940, 10.9969,
19.5624

Harmonies

Analogous

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



147.5970, -72.7653, 5.6154



133.3100, -37.6208, -66.9239



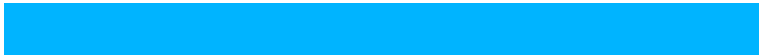
128.8120, 1.0787, -112.9681

Triad

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



133.3100, -37.6208, -66.9239



134.7300, 59.2931, -118.1582



141.3360, -9.0396, 99.6833

Complementary

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



133.3100, -37.6208, -66.9239



110.6900, 37.6208, 66.9239

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.



150.7180, 21.8310, 91.4553



133.3100, -37.6208, -66.9239



147.8510, 52.8245, -49.8583

Square

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



133.3100, -37.6208, -66.9239



141.7740, 55.8204, -124.3358



166.4640, 43.6482, 46.9511



151.1940, -47.4236, 91.0379

Rectangle

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



133.3100, -37.6208, -66.9239



135.8000, 22.7766, -119.0966



166.4640, 43.6482, 46.9511



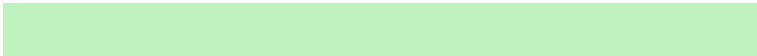
141.7240, 2.6011, 99.3431

Sweetspot

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



133.3100, -37.6208, -66.9239



220.9370, -14.7589, -26.2547



172.1800, -56.7837, 12.9971



109.6100, -8.6817, -15.4440



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



133.3100, -37.6208, -66.9239



158.9870, -58.1676, -103.4746



140.7200, -9.2290, -73.4224



90.2830, -2.6045, -4.6332



92.7460, -45.7238, -81.3382



18.1970, -8.9711, -15.9588

Inverse Universe

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



110.6900, 37.6208, 66.9239



124.0130, 58.1676, 103.4746



103.2800, 9.2290, 73.4224



88.7170, 2.6045, 4.6332



65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Previews

White Background



This preview shows how the YUV color 133.3100, -37.6208, -66.9239 looks on a white background.

Color Contrast Check

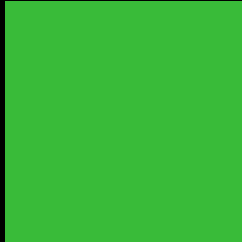
Large Text (above 18pt) WCAG AA × Fail

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 133.3100, -37.6208, -66.9239 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 133.3100, -37.6208, -66.9239 Background



This preview shows how black text looks on a background with the YUV color 133.3100, -37.6208, -66.9239.



This preview shows how white text looks on a background with the YUV color 133.3100, -37.6208, -66.9239.

-66.9239.

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

133.3100, -37.6208, -66.9239

Protanopia

154.9130, -51.7221, 22.8783

Deuteranopia

158.3630, -44.0560, 37.3926



Tritanopia

151.7790, 18.3500, -52.4262

Trichromacy



Original Color

133.3100, -37.6208, -66.9239



Protanomaly

147.0830, -46.3829, -9.7198



Deuteranomaly

149.4030, -41.6107, -0.3534



Tritanomaly

144.7680, -1.8576, -57.6785

Monochromacy



Original Color

133.3100, -37.6208, -66.9239



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

133.1760, -13.8908, -24.7104

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.3100, -37.6208, -66.9239 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(57, 187, 57)` looks like.

```
.text, #text, p{  
    color:rgb(57, 187, 57)  
}
```

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(57, 187, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 187, 57) }
```

Border

The CSS property to change the border of an element to YUV 133.3100, -37.6208, -66.9239 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(57, 187, 57) }
```


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

```
.border{ border-color:rgb(57, 187, 57) }
```

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

Here you see how a box with a 4 pixel rgb(57, 187, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 187, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 187, 57);  
box-shadow:4px 4px 4px 4px rgb(57, 187,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 133.3100, -37.6208, -66.9239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 187, 57) }
```

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

```
.background{ background-color: rgb(57, 187,  
57) }
```

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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