

Converting Colors

YUV(168.1990, -39.0451,
-29.9925)

Have a look what the booklet for
YUV(168.1990, -39.0451, -29.9925)
contains.

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Color

**YUV(168.1990, -39.0451,
-29.9925)**

Conversions

Conversions Part 1

Format	Color
Hex	86C959
RGB	134, 201, 89
RGB Percent	53%, 79%, 35%
CMY	0.4745, 0.2118, 0.6510
CMYK	0.33, 0.00, 0.56, 0.21
HSL	96°, 51%, 57%
HSV	96°, 56%, 79%
XYZ	32.5213, 47.5629, 16.9177
YIQ	168.1990, -3.9800, -49.0360

Conversions

Conversions Part 2

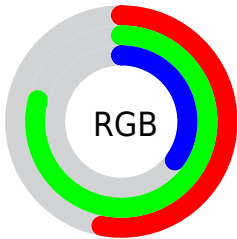
Format	Color
RYB	89, 201, 156
Decimal	8833369
CIELab	74.55, -40.58, 48.60
CIElCh	75, 63.313, 129.863
Yxy	47.5629, 0.3353, 0.4903
Android (android.graphics.Color)	4287023449 (0xFF86C959)
YUV	168.1990, -39.0451, -29.9925
Hunter-Lab	68.9659, -36.5173, 33.7319

Details

The YUV color **168.1990, -39.0451, -29.9925** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **121.8010, 39.0451, 29.9925**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.6830, -39.7767, -28.6630**, and **113.4270, -38.1715, -30.1925** is the 20% darker color. If you saturate the color by 10%, you get **162.3310, -46.0122, -35.3703**, and if you desaturate by 10%, it is **174.0670, -32.0780, -24.6148**.

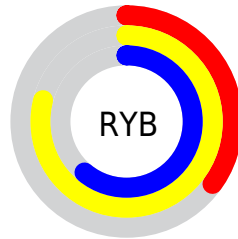
Distribution



Red (53%)

Green (79%)

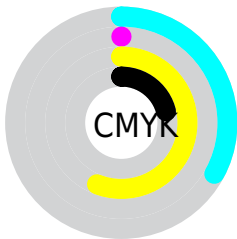
Blue (35%)



Red (35%)

Yellow (79%)

Blue (61%)

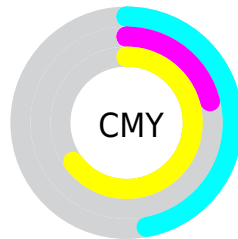


Cyan (33%)

Magenta (0%)

Yellow (56%)

Black (21%)



Cyan (47%)

Magenta (21%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.1990, -39.0451, -29.9925 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 168.1990, -39.0451, -29.9925 by changing the saturation by 10% instead.

■ 168.1990,
-39.0451, -29.9925

■ 168.1990,
-39.0451, -29.9925

255.0000, 0.0000,
0.0000

■ 140.7260,
-38.3189, -29.5777

■ 222.6830,
-39.7767, -28.6630

■ 113.4270,
-38.1715, -30.1925

■ 234.4320,
-32.2580, -13.5339

■ 85.9170, -41.3711,
-30.6222

■ 246.5940,
-24.4498, 2.1101

■ 61.4460, -30.2929,
-37.2251

■ 251.6940,
-12.6671, 2.8994

■ 41.6770, -20.5468,
-36.5507

■ 28.1760, -13.8908,
-24.7104

■ 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 168.1990,
-39.0451, -29.9925

■ 168.1990,
-39.0451, -29.9925

■ 162.3310,
-46.0122, -35.3703

■ 174.0670,
-32.0780, -24.6148

■ 156.4630,
-52.9793, -40.7481

■ 179.9350,
-25.1110, -19.2370

■ 150.5950,
-59.9463, -46.1258

■ 185.8030,
-18.1439, -13.8592

■ 144.7270,
-66.9134, -51.5036

■ 191.6710,
-11.1768, -8.4815

■ 142.2060,
-70.1076, -53.6777

■ 197.6530, -3.7729,
-3.2037

■ 203.5210, 3.1941,
2.1741

■ 209.3890, 10.1612,
7.5518

■ 215.2570, 17.1283,
12.9296

■ 219.4150, 17.5434,
19.8070

Harmonies

Analogous

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



175.5120, -56.9474, 18.8450



168.1990, -39.0451, -29.9925



138.7570, 1.1058, -121.6899

Triad

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



168.1990, -39.0451, -29.9925



146.4700, 53.5053, -128.4542



172.0660, -2.9905, 72.7331

Complementary

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



168.1990, -39.0451, -29.9925



121.8010, 39.0451, 29.9925

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.



182.9010, 20.7548, 63.2308



168.1990, -39.0451, -29.9925



169.0820, 42.3576, -52.6919

Square

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



168.1990, -39.0451, -29.9925



152.3400, 50.6114, -133.6022



186.3780, 33.8306, 22.4705



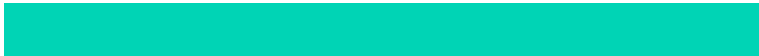
173.5410, -30.3397, 71.4395

Rectangle

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



168.1990, -39.0451, -29.9925



145.0780, 17.7095, -127.2334



186.3780, 33.8306, 22.4705



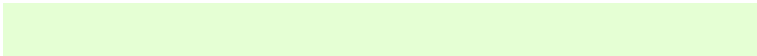
174.3460, 5.7454, 70.7336

Sweetspot

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



168.1990, -39.0451, -29.9925



242.3240, -14.9497, -11.6851



160.6430, -35.3200, 35.3931



120.2520, -8.9982, -7.2370



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.



168.1990, -39.0451, -29.9925



205.0080, -59.6569, -45.6110



155.7700, -28.4806, -58.5573



96.4790, -3.1941, -2.1741



115.4150, -56.8996, -43.3370



25.3180, -12.4818, -9.9259

Inverse Universe

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



121.8010, 39.0451, 29.9925



133.9920, 59.6569, 45.6110



134.2300, 28.4806, 58.5573



92.5210, 3.1941, 2.1741



47.8840, 56.7522, 43.9517



10.3830, 12.6292, 9.3111

Previews

White Background



This preview shows how the YUV color 168.1990, -39.0451, -29.9925 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 168.1990, -39.0451, -29.9925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

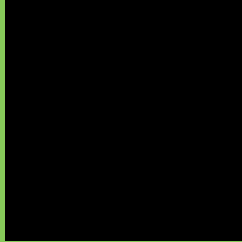
Any Text WCAG AA ✓ Pass

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 168.1990, -39.0451, -29.9925 Background



This preview shows how black text looks on a background with the YUV color 168.1990, -39.0451, -29.9925.



This preview shows how white text looks on a background with the YUV color 168.1990, -39.0451, -29.9925.

-29.9925.

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

168.1990, -39.0451, -29.9925

Protanopia

177.5800, -46.6279, 22.2933

Deuteranopia

180.0580, -41.4406, 38.5371



Tritanopia

179.6470, 12.0060, -24.2464

Trichromacy



Original Color

168.1990, -39.0451, -29.9925



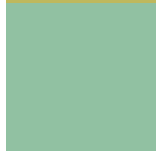
Protanomaly

174.4420, -44.0949, 3.1204



Deuteranomaly

175.7190, -40.7805, 13.4014



Tritanomaly

175.1140, -6.4652, -26.4100

Monochromacy



Original Color

168.1990, -39.0451, -29.9925



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

168.1500, -14.3710, -10.6556

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.1990, -39.0451, -29.9925 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(134, 201, 89)` looks like.

```
.text, #text, p{  
    color:rgb(134, 201, 89)  
}
```

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(134, 201, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 201, 89) }
```

Border

The CSS property to change the border of an element to YUV 168.1990, -39.0451, -29.9925 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(134, 201, 89) }
```


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

```
.border{ border-color:rgb(134, 201, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 201, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 201, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 201, 89);  
box-shadow:4px 4px 4px 4px rgb(134, 201,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 168.1990, -39.0451, -29.9925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 201, 89) }
```

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

```
.background{ background-color: rgb(134,  
201, 89) }
```

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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