

Converting Colors

YUV(168.3400, -43.0586,
-49.4102)

Have a look what the booklet for
YUV(168.3400, -43.0586, -49.4102)
contains.

YUV(168.3400, -43.0586, -49.4102)	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(168.3400, -43.0586,
-49.4102)**

Conversions

Conversions Part 1

Format	Color
Hex	70D651
RGB	112, 214, 81
RGB Percent	44%, 84%, 32%
CMY	0.5608, 0.1608, 0.6824
CMYK	0.48, 0.00, 0.62, 0.16
HSL	106°, 62%, 58%
HSV	106°, 62%, 84%
XYZ	32.2139, 52.1320, 16.1492
YIQ	168.3400, -18.0990, -62.9870

Conversions

Conversions Part 2

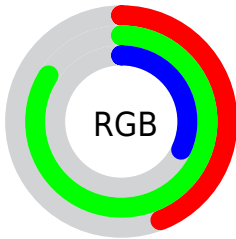
Format	Color
R_YB	81, 214, 183
Decimal	7394897
CIE Lab	77.36, -53.80, 55.10
CIE LCh	77, 77.011, 134.319
Yxy	52.1320, 0.3206, 0.5188
Android (android.graphics.Color)	4285584977 (0xFF70D651)
YUV	168.3400, -43.0586, -49.4102
Hunter-Lab	72.2025, -46.7147, 37.2806

Details

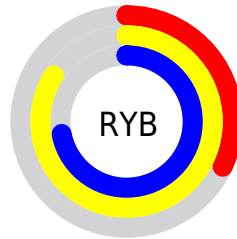
The YUV color **168.3400, -43.0586, -49.4102** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **126.6600, 43.0586, 49.4102**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.9050, -39.8862, -40.2587**, and **110.3180, -43.0478, -52.8989** is the 20% darker color. If you saturate the color by 10%, you get **161.1620, -49.8729, -57.1471**, and if you desaturate by 10%, it is **175.5180, -36.2444, -41.6733**.

Distribution



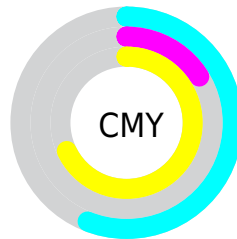
- Red (44%)
- Green (84%)
- Blue (32%)



- Red (32%)
- Yellow (84%)
- Blue (72%)



- Cyan (48%)
- Magenta (0%)
- Yellow (62%)
- Black (16%)



- Cyan (56%)
- Magenta (16%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.3400, -43.0586, -49.4102 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 168.3400, -43.0586, -49.4102 by changing the saturation by 10% instead.

■ 168.3400,
-43.0586, -49.4102

■ 168.3400,
-43.0586, -49.4102

■ 255.0000, 0.0000,
0.0000

■ 139.8560,
-42.3270, -50.7397

■ 215.9050,
-39.8862, -40.2587

■ 110.3180,
-43.0478, -52.8989

■ 228.0670,
-32.0780, -24.6148

■ 77.4840, -38.1996,
-67.9535

■ 239.9300,
-24.1225, -9.5856

■ 61.6350, -30.3861,
-54.0539

■ 250.8960,
-15.7247, 3.5992

■ 46.9600, -23.1513,
-41.1839

■ 254.2020, -3.0576,
0.6998

■ 32.8720, -16.2059,
-28.8287

■ 19.3710, -9.5499,

-16.9884

■ 0.0000, 0.0000,
0.0000

■ 168.3400,
-43.0586, -49.4102

■ 168.3400,
-43.0586, -49.4102

■ 161.1620,
-49.8729, -57.1471

■ 175.5180,
-36.2444, -41.6733

■ 153.5710,
-56.9765, -65.3988

■ 183.1090,
-29.1407, -33.4216

■ 146.3930,
-63.7907, -73.1357

■ 190.2870,
-22.3265, -25.6847

■ 140.5680,
-69.3000, -79.4281

■ 197.8780,
-15.2229, -17.4330

■ 205.0560, -8.4086,
-9.6961

■ 212.2340, -1.5944,
-1.9592

■ 219.8250, 5.5093,
6.2925

■ 227.0030, 12.3235,
14.0294

■ 230.9330, 11.8650,
21.1068

Harmonies

Analogous

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



177.4950, -74.6870, 15.3519



168.3400, -43.0586, -49.4102



147.4140, 1.2749, -129.2821

Triad

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



168.3400, -43.0586, -49.4102



152.3400, 50.6114, -133.6022



166.0990, -3.0068, 77.9662

Complementary

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



168.3400, -43.0586, -49.4102



126.6600, 43.0586, 49.4102

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.



177.8290, 26.7063, 67.6790



168.3400, -43.0586, -49.4102



172.3160, 40.7632, -54.6511

Square

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



168.3400, -43.0586, -49.4102



158.7970, 47.4281, -139.2650



192.3910, 30.8662, 39.9991



171.4890, -38.2021, 73.2391

Rectangle

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



168.3400, -43.0586, -49.4102



154.8750, 22.2466, -135.8254



192.3910, 30.8662, 39.9991



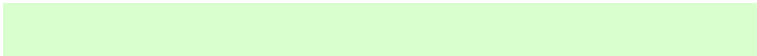
167.6610, 8.0551, 76.5963

Sweetspot

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



168.3400, -43.0586, -49.4102



238.4650, -15.5122, -17.9478



180.6410, -49.1230, 29.2558



117.7030, -9.7136, -11.1405



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.



168.3400, -43.0586, -49.4102



189.2730, -61.7596, -71.2764



163.0610, -23.2011, -71.9675



103.3540, -3.6255, -3.8185



112.3370, -55.3821, -63.4395



28.2310, -13.9179, -15.9886

Inverse Universe

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



126.6600, 43.0586, 49.4102



129.4280, 61.9070, 70.6616



131.9390, 23.2011, 71.9675



99.9450, 3.4781, 4.4332



58.6630, 55.3821, 63.4395



14.7690, 13.9179, 15.9886

Previews

White Background



This preview shows how the YUV color 168.3400, -43.0586, -49.4102 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 168.3400, -43.0586, -49.4102 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 168.3400, -43.0586, -49.4102 Background



This preview shows how black text looks on a background with the YUV color 168.3400, -43.0586, -49.4102.



This preview shows how white text looks on a background with the YUV color 168.3400, -43.0586, -49.4102.

-49.4102.

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

168.3400, -43.0586, -49.4102

Protanopia

183.3540, -53.9115, 25.1225

Deuteranopia

186.5870, -47.1244, 41.5812



Tritanopia

183.1010, 16.7122, -40.4306

Trichromacy



Original Color

168.3400, -43.0586, -49.4102

Protanomaly

178.2150, -49.8990, -1.9426

Deuteranomaly

180.0190, -45.8584, 8.7533

Tritanomaly

177.7590, -4.8112, -43.6386

Monochromacy



Original Color

168.3400, -43.0586, -49.4102

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.3510, -15.9490, -17.8478

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.3400, -43.0586, -49.4102 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(112, 214, 81)` looks like.

```
.text, #text, p{  
    color:rgb(112, 214, 81)  
}
```

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(112, 214, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 214, 81) }
```

Border

The CSS property to change the border of an element to YUV 168.3400, -43.0586, -49.4102 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(112, 214, 81) }
```


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

```
.border{ border-color:rgb(112, 214, 81) }
```

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

Here you see how a box with a 4 pixel rgb(112, 214, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 214, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 214, 81);  
box-shadow:4px 4px 4px 4px rgb(112, 214,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 168.3400, -43.0586, -49.4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 214, 81) }
```

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

```
.background{ background-color: rgb(112,  
214, 81) }
```

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