

Converting Colors

YUV(169.0690, -68.5610,
10.4635)

Have a look what the booklet for
YUV(169.0690, -68.5610, 10.4635)
contains.

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Color

**YUV(169.0690, -68.5610,
10.4635)**

Conversions

Conversions Part 1

Format	Color
Hex	B5BE1E
RGB	181, 190, 30
RGB Percent	71%, 75%, 12%
CMY	0.2902, 0.2549, 0.8824
CMYK	0.05, 0.00, 0.84, 0.25
HSL	63°, 73%, 43%
HSV	63°, 84%, 75%
XYZ	37.7039, 46.7444, 8.2637
YIQ	169.0690, 45.9960, -51.6680

Conversions

Conversions Part 2

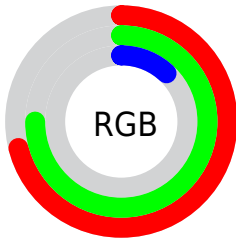
Format	Color
R _Y B	30, 190, 39
Decimal	11910686
CIE Lab	74.03, -20.66, 70.54
CIE LCh	74, 73.503, 106.324
Yxy	46.7444, 0.4067, 0.5042
Android (android.graphics.Color)	4290100766 (0xFFB5BE1E)
YUV	169.0690, -68.5610, 10.4635
Hunter-Lab	68.3699, -21.2101, 40.6927

Details

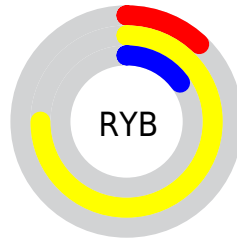
The YUV color **169.0690, -68.5610, 10.4635** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **50.9310, 68.5610, -10.4635**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.7640, -65.9457, 11.6080**, and **117.4950, -57.9250, 5.7049** is the 20% darker color. If you saturate the color by 10%, you get **166.6040, -76.7128, 11.7483**, and if you desaturate by 10%, it is **171.5340, -60.4093, 9.1787**.

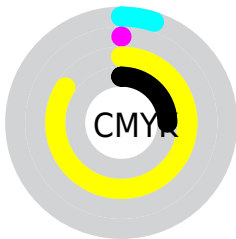
Distribution



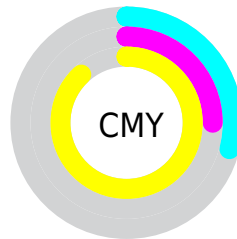
- Red (71%)
- Green (75%)
- Blue (12%)



- Red (12%)
- Yellow (75%)
- Blue (15%)



- Cyan (5%)
- Magenta (0%)
- Yellow (84%)
- Black (25%)



- Cyan (29%)
- Magenta (25%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.0690, -68.5610, 10.4635 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 169.0690, -68.5610, 10.4635 by changing the saturation by 10% instead.

■ 169.0690,
-68.5610, 10.4635

■ 169.0690,
-68.5610, 10.4635

■ 255.0000, 0.0000,
0.0000

■ 141.1290,
-69.5766, 9.5339

■ 226.7640,
-65.9457, 11.6080

■ 117.4950,
-57.9250, 5.7049

■ 239.7240,
-58.5309, 13.3971

■ 94.4480, -46.5629,
1.3611

■ 242.9160,
-46.3006, 10.5977

■ 71.7000, -35.3481,
-2.3679

■ 246.2220,
-33.6334, 7.6983

■ 50.1260, -24.7121,
-7.1265

■ 249.4140,
-21.4031, 4.8989

■ 29.4380, -14.5129,
-11.7851

■ 252.8340, -8.2992,

■ 13.5010, -6.6560,

1.8996

-11.8404

■ 0.0000, 0.0000,
0.0000

■ 169.0690,
-68.5610, 10.4635

■ 169.0690,
-68.5610, 10.4635

■ 166.6040,
-76.7128, 11.7483

■ 171.5340,
-60.4093, 9.1787

■ 165.0510,
-81.3701, 12.2333

■ 173.9990,
-52.2575, 7.8939

■ 176.4640,
-44.1058, 6.6091

■ 178.9290,
-35.9540, 5.3243

■ 181.3940,
-27.8022, 4.0395

■ 183.8590,
-19.6505, 2.7547

■ 186.3240,
-11.4987, 1.4699

■ 189.0880, -3.4944,
0.7998

■ 191.5530, 4.6574,
-0.4850

Harmonies

Analogous

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



174.7790, -68.4180, 58.0758



169.0690, -68.5610, 10.4635



159.2950, -38.1064, -51.1247

Triad

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



169.0690, -68.5610, 10.4635



152.3400, 50.6114, -133.6022



171.8960, 21.7433, 72.8822

Complementary

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



169.0690, -68.5610, 10.4635



50.9310, 68.5610, -10.4635

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.



184.7270, 34.6446, 41.4584



169.0690, -68.5610, 10.4635



145.2960, 54.0841, -127.4246

Square

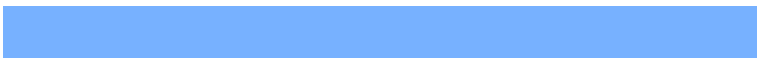
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



169.0690, -68.5610, 10.4635



150.4700, 33.2923, -131.9622



168.5500, 42.6199, -43.4553



162.3830, -7.0908, 81.2251

Rectangle

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



169.0690, -68.5610, 10.4635



137.5200, -6.1724, -120.6050



168.5500, 42.6199, -43.4553



178.5130, 29.3271, 67.0791

Sweetspot

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



169.0690, -68.5610, 10.4635



239.1490, -26.2025, 4.2543



82.5360, -25.9002, 94.2459



120.0700, -16.3035, 2.5696



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



169.0690, -68.5610, 10.4635



214.6560, -105.8254, 16.0877



145.4480, -56.9159, -38.1039



92.9740, -3.9312, 0.8998



137.2970, -67.6874, 10.2635



26.8680, -13.2459, 1.8698

Inverse Universe

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



50.9310, 68.5610, -10.4635



32.3440, 105.8254, -16.0877



74.5520, 56.9159, 38.1039



86.0260, 3.9312, -0.8998



20.7030, 67.6874, -10.2635



4.1320, 13.2459, -1.8698

Previews

White Background



This preview shows how the YUV color 169.0690, -68.5610, 10.4635 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 169.0690, -68.5610, 10.4635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

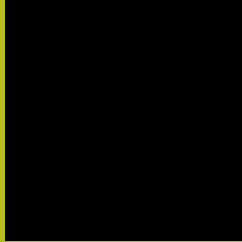
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 169.0690, -68.5610, 10.4635

Background



This preview shows how black text looks on a background with the YUV color 169.0690, -68.5610, 10.4635.



This preview shows how white text looks on a background with the YUV color 169.0690, -68.5610, 10.4635.

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

169.0690, -68.5610, 10.4635

Protanopia

171.3210, -70.6573, 29.5365

Deuteranopia

174.1090, -65.6227, 48.1394



Tritanopia

183.6790, 3.6093, 9.0515

Trichromacy



Original Color

169.0690, -68.5610, 10.4635

Protanomaly

170.5050, -69.7620, 22.3591

Deuteranomaly

172.6790, -66.8897, 34.4845

Tritanomaly

178.3930, -22.8717, 9.3023

Monochromacy



Original Color

169.0690, -68.5610, 10.4635

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.0780, -25.1815, 3.4396

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.0690, -68.5610, 10.4635 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(181, 190, 30)` looks like.

```
.text, #text, p{  
    color:rgb(181, 190, 30)  
}
```

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(181, 190, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 190, 30) }
```

Border

The CSS property to change the border of an element to YUV 169.0690, -68.5610, 10.4635 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(181, 190, 30) }
```


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

```
.border{ border-color:rgb(181, 190, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 190, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 190, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 190, 30);  
box-shadow:4px 4px 4px 4px rgb(181, 190,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 169.0690, -68.5610, 10.4635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 190, 30) }
```

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

```
.background{ background-color: rgb(181,  
190, 30) }
```

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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