

Converting Colors

YUV(70.0810, -33.5639,
-61.4610)

Have a look what the booklet for
YUV(70.0810, -33.5639, -61.4610)
contains.

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Color

**YUV(70.0810, -33.5639,
-61.4610)**

Conversions

Conversions Part 1

Format	Color
Hex	007702
RGB	0, 119, 2
RGB Percent	0%, 47%, 1%
CMY	1.0000, 0.5333, 0.9922
CMYK	1.00, 0.00, 0.98, 0.53
HSL	121°, 100%, 23%
HSV	121°, 100%, 47%
XYZ	6.6078, 13.1980, 2.2566
YIQ	70.0810, -33.3670, -61.6150

Conversions

Conversions Part 2

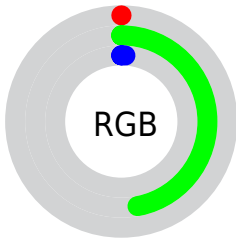
Format	Color
RYB	0, 117, 119
Decimal	30466
CIELab	43.06, -48.98, 46.89
CIELCh	43, 67.804, 136.246
Yxy	13.1980, 0.2995, 0.5982
Android (android.graphics.Color)	4278220546 (0xFF007702)
YUV	70.0810, -33.5639, -61.4610
Hunter-Lab	36.3291, -31.1091, 21.7475

Details

The YUV color **70.0810, -33.5639, -61.4610** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **48.9190, 33.5639, 61.4610**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.3540, -34.1915, -46.7915**, and **40.5030, -19.9680, -35.5211** is the 20% darker color. If you saturate the color by 10%, you get **70.0810, -33.5639, -61.4610**, and if you desaturate by 10%, it is **75.0370, -30.0912, -55.2834**.

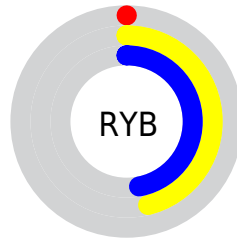
Distribution



Red (0%)

Green (47%)

Blue (1%)



Red (0%)

Yellow (46%)

Blue (47%)

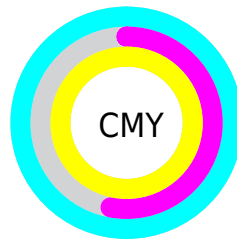


Cyan (100%)

Magenta (0%)

Yellow (98%)

Black (53%)



Cyan (100%)

Magenta (53%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.0810, -33.5639, -61.4610 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 70.0810, -33.5639, -61.4610 by changing the saturation by 10% instead.

■ 70.0810, -33.5639,
-61.4610

■ 70.0810, -33.5639,
-61.4610

254.8860, -0.4368,
0.1000

■ 54.5910, -26.9134,
-47.8763

■ 131.3540,
-34.1915, -46.7915

■ 40.5030, -19.9680,
-35.5211

■ 159.4250,
-35.2125, -45.9767

■ 27.0020, -13.3120,
-23.6808

■ 188.0830,
-36.5229, -45.6768

■ 11.1530, -5.4984,
-9.7812

■ 214.7950,
-36.3809, -44.5472


■ 0.0000, 0.0000,
0.0000


■ 226.5440,
-28.8622, -29.4181


■ 238.4070,


-20.9067, -14.3889


 250.6830,
-12.6617, 1.1550


 70.0810, -33.5639,
-61.4610

 75.0370, -30.0912,
-55.2834

 79.8790, -27.0553,
-49.0059

 84.8350, -23.5827,
-42.8283

 89.7910, -20.1100,
-36.6507

 94.3340, -16.9267,
-30.9879

■ 99.2900, -13.4540,
-24.8103

■ 104.2460, -9.9813,
-18.6327

■ 109.2020, -6.5086,
-12.4552

■ 114.0440, -3.4727,
-6.1776

Harmonies

Analogous

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



92.6870, -45.6947, 2.9055



70.0810, -33.5639, -61.4610



81.1100, -3.9982, -71.1335

Triad

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



70.0810, -33.5639, -61.4610



92.2600, 59.0318, -80.9120



82.9000, -4.3877, 100.9427

Complementary

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



70.0810, -33.5639, -61.4610



48.9190, 33.5639, 61.4610

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.



89.5170, 19.9581, 85.4926



70.0810, -33.5639, -61.4610



81.5800, 63.8041, -71.5457

Square

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



70.0810, -33.5639, -61.4610



93.5360, 43.6128, -82.0311



102.8830, 38.0187, 32.5516



91.9780, -36.4712, 78.0723

Rectangle

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



70.0810, -33.5639, -61.4610



86.1430, 12.7475, -75.5474



102.8830, 38.0187, 32.5516



80.9570, 5.9372, 102.6467

Sweetspot

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



70.0810, -33.5639, -61.4610



136.7030, -13.1646, -24.2955



104.8360, -51.6841, 10.6678



67.4360, -8.1029, -14.4144



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



70.0810, -33.5639, -61.4610



91.9140, -43.8346, -80.6086



76.8070, -7.7929, -67.3597



56.5220, -1.7363, -3.0888



71.8420, -34.4321, -63.0054



147.2060, -70.6006, -129.0997

Inverse Universe

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



48.9190, 33.5639, 61.4610



64.0860, 43.8346, 80.6086



42.1930, 7.7929, 67.3597



55.4780, 1.7363, 3.0888



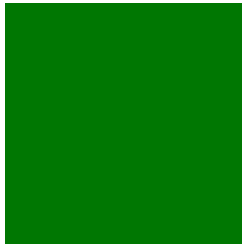
50.1580, 34.4321, 63.0054



102.7940, 70.6006, 129.0997

Previews

White Background



This preview shows how the YUV color 70.0810, -33.5639, -61.4610 looks on a white background.

Color Contrast Check

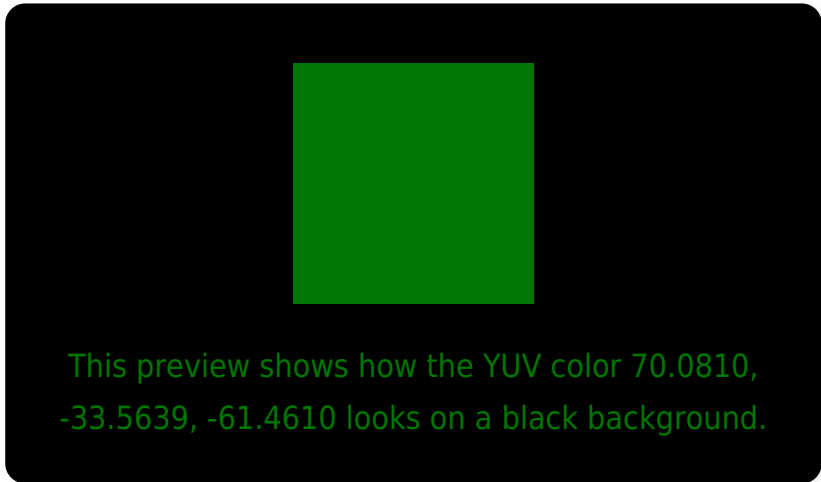
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

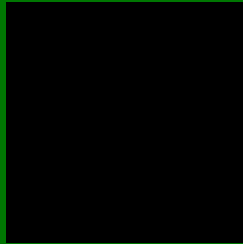
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.0810, -33.5639, -61.4610

Background



This preview shows how black text looks on a background with the YUV color 70.0810, -33.5639, -61.4610.



This preview shows how white text looks on a background with the YUV color 70.0810, -33.5639, -61.4610.

-61.4610.

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

70.0810, -33.5639, -61.4610

Protanopia

94.2590, -46.4697, 18.1899

Deuteranopia

97.5880, -35.2929, 26.6713



Tritanopia

93.7870, 12.9230, -38.4012

Trichromacy



Original Color

70.0810, -33.5639, -61.4610

Protanomaly

85.3370, -41.5781, -10.8195

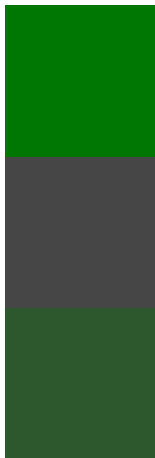
Deuteranomaly

87.2050, -34.6111, -5.4418

Tritanomaly

85.2640, -4.0742, -46.7125

Monochromacy



Original Color

70.0810, -33.5639, -61.4610

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.2410, -12.4438, -22.1364

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.0810, -33.5639, -61.4610 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, 119, 2)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 2)  
}
```

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, 119, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 2) }
```

Border

The CSS property to change the border of an element to YUV 70.0810, -33.5639, -61.4610 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, 119, 2) }
```


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

```
.border{ border-color:rgb(0, 119, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 119, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 119, 2); box-shadow:4px  
4px 4px 4px rgb(0, 119, 2) }
```

Background

The CSS property to change the background color of an element to YUV 70.0810, -33.5639, -61.4610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 119, 2) }
```

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

```
.background{ background-color: rgb(0, 119,  
2) }
```

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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