

Converting Colors

YUV(67.4610, -29.8073,
-53.0243)

Have a look what the booklet for
YUV(67.4610, -29.8073, -53.0243)
contains.

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Color

**YUV(67.4610, -29.8073,
-53.0243)**

Conversions

Conversions Part 1

Format	Color
Hex	076E07
RGB	7, 110, 7
RGB Percent	3%, 43%, 3%
CMY	0.9725, 0.5686, 0.9725
CMYK	0.94, 0.00, 0.94, 0.57
HSL	120°, 88%, 23%
HSV	120°, 94%, 43%
XYZ	5.7019, 11.2124, 2.0647
YIQ	67.4610, -28.3250, -53.8690

Conversions

Conversions Part 2

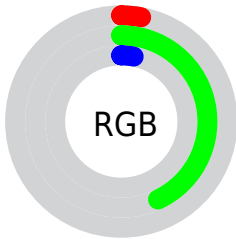
Format	Color
RYB	7, 110, 110
Decimal	486919
CIELab	39.94, -45.37, 43.11
CIELCh	40, 62.584, 136.464
Yxy	11.2124, 0.3004, 0.5908
Android (android.graphics.Color)	4278676999 (0xFF076E07)
YUV	67.4610, -29.8073, -53.0243
Hunter-Lab	33.4849, -28.2030, 19.7836

Details

The YUV color **67.4610, -29.8073, -53.0243** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **49.5390, 29.8073, 53.0243**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.8860, -31.0028, -42.8730**, and **35.8070, -17.6529, -31.4027** is the 20% darker color. If you saturate the color by 10%, you get **64.5700, -31.8330, -56.6279**, and if you desaturate by 10%, it is **72.0040, -26.6240, -47.3615**.

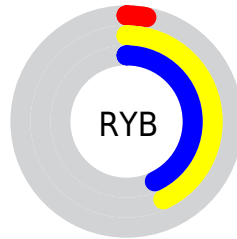
Distribution



Red (3%)

Green (43%)

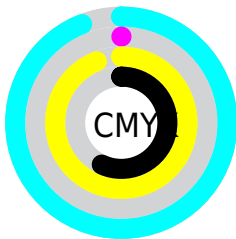
Blue (3%)



Red (3%)

Yellow (43%)

Blue (43%)

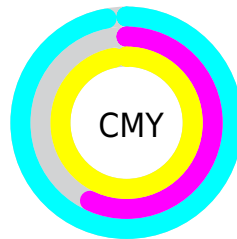


Cyan (94%)

Magenta (0%)

Yellow (94%)

Black (57%)



Cyan (97%)

Magenta (57%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.4610, -29.8073, -53.0243 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 67.4610, -29.8073, -53.0243 by changing the saturation by 10% instead.

■ 67.4610, -29.8073,
-53.0243

■ 67.4610, -29.8073,
-53.0243

254.7720, -0.8736,
0.2000

■ 49.8950, -24.5982,
-43.7579

■ 125.8860,
-31.0028, -42.8730

■ 35.8070, -17.6529,
-31.4027

■ 152.9570,
-32.0238, -42.0583

■ 23.4800, -11.5756,
-20.5920

■ 180.7290,
-32.8974, -41.8583

■ 0.0000, 0.0000,
0.0000


■ 209.2020,
-33.6236, -42.2732


■ 225.6470,
-28.4200, -31.2624


■ 237.5100,


-20.4644, -16.2333


 249.6720,
-12.6563, -0.5893


 67.4610, -29.8073,
-53.0243


 67.4610, -29.8073,
-53.0243


 64.5700, -31.8330,
-56.6279

 72.0040, -26.6240,
-47.3615

 76.5470, -23.4407,
-41.6987

 81.0900, -20.2574,
-36.0359

 85.6330, -17.0741,
-30.3731

 90.1760, -13.8908,
-24.7104

■ 94.7190, -10.7075,
-19.0476

■ 99.2620, -7.5242,
-13.3848

■ 103.8050, -4.3409,
-7.7220

■ 108.3480, -1.1576,
-2.0592

Harmonies

Analogous

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



85.3110, -42.0583, 3.2353



67.4610, -29.8073, -53.0243



75.2570, -3.5777, -66.0004

Triad

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



67.4610, -29.8073, -53.0243



84.9250, 53.7740, -74.4792



78.7200, -4.7920, 90.5766

Complementary

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



67.4610, -29.8073, -53.0243



49.5390, 29.8073, 53.0243

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.



84.3650, 17.0751, 76.8559



67.4610, -29.8073, -53.0243



75.4190, 57.9674, -66.1425

Square

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



67.4610, -29.8073, -53.0243



86.0700, 40.3915, -75.4834



95.8350, 34.0983, 29.9627



86.0310, -33.5393, 71.0098

Rectangle

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



67.4610, -29.8073, -53.0243



79.9480, 11.8576, -70.1144



95.8350, 34.0983, 29.9627



77.6090, 3.6438, 91.5509

Sweetspot

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



67.4610, -29.8073, -53.0243



126.4800, -11.5756, -20.5920



98.2580, -44.9902, 10.2977



61.0880, -6.9454, -12.3552



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



67.4610, -29.8073, -53.0243



83.9410, -41.3829, -73.6163



73.3890, -7.0938, -58.2232



53.5220, -1.7363, -3.0888



70.4400, -34.7269, -61.7759



144.9890, -71.4796, -127.1554

Inverse Universe

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



49.5390, 29.8073, 53.0243



59.0590, 41.3829, 73.6163



43.7250, 7.5306, 58.1232



52.4780, 1.7363, 3.0888



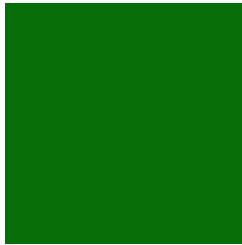
49.5600, 34.7269, 61.7759



102.0110, 71.4796, 127.1554

Previews

White Background



This preview shows how the YUV color 67.4610, -29.8073, -53.0243 looks on a white background.

Color Contrast Check

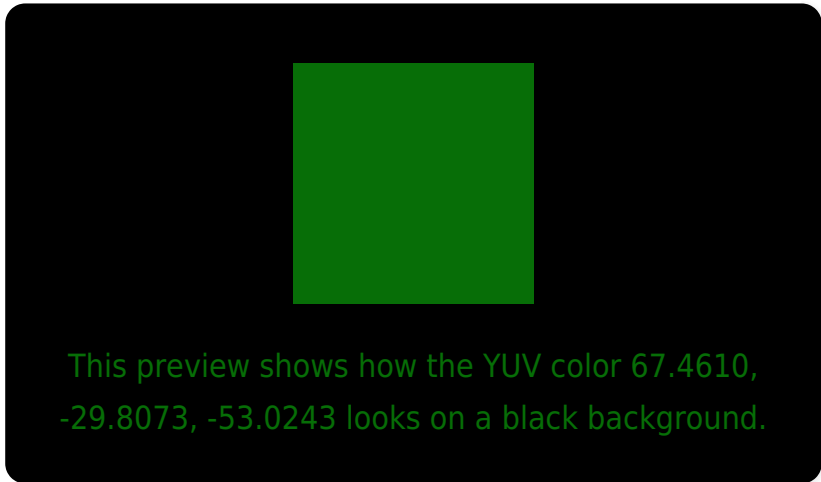
Large Text (above 18pt) WCAG AA ✓ Pass

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 67.4610, -29.8073, -53.0243

Background



This preview shows how black text looks on a background with the YUV color 67.4610, -29.8073, -53.0243.



This preview shows how white text looks on a background with the YUV color 67.4610, -29.8073,

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

67.4610, -29.8073, -53.0243

Protanopia

86.8720, -42.8279, 16.7753

Deuteranopia

90.3750, -32.2299, 24.2271



Tritanopia

86.2820, 12.1860, -35.3273

Trichromacy



Original Color

67.4610, -29.8073, -53.0243

Protanomaly

79.9720, -37.9472, -8.7454

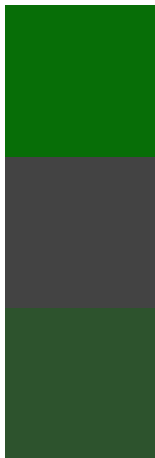
Deuteranomaly

82.3130, -31.7063, -3.7825

Tritanomaly

79.5250, -3.2168, -41.6794

Monochromacy



Original Color

67.4610, -29.8073, -53.0243

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.3060, -10.9969, -19.5624

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.4610, -29.8073, -53.0243 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(7, 110, 7)` looks like.

```
.text, #text, p{  
    color:rgb(7, 110, 7)  
}
```

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(7, 110, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 110, 7) }
```

Border

The CSS property to change the border of an element to YUV 67.4610, -29.8073, -53.0243 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(7, 110, 7) }
```


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

```
.border{ border-color:rgb(7, 110, 7) }
```

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

Here you see how a box with a 4 pixel rgb(7, 110, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 110, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 110, 7); box-shadow:4px  
4px 4px 4px rgb(7, 110, 7) }
```

Background

The CSS property to change the background color of an element to YUV 67.4610, -29.8073, -53.0243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 110, 7) }
```

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

```
.background{ background-color: rgb(7, 110,  
7) }
```

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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