

Converting Colors

YUV(67.6770, -23.9978,
-49.7057)

Have a look what the booklet for
YUV(67.6770, -23.9978, -49.7057)
contains.

YUV(67.6770, -23.9978, -49.7057)	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(67.6770, -23.9978,
-49.7057)**

Conversions

Conversions Part 1

Format	Color
Hex	0B6A13
RGB	11, 106, 19
RGB Percent	4%, 42%, 7%
CMY	0.9569, 0.5843, 0.9255
CMYK	0.90, 0.00, 0.82, 0.58
HSL	125°, 81%, 23%
HSV	125°, 90%, 42%
XYZ	5.4096, 10.4262, 2.3434
YIQ	67.6770, -28.6930, -47.1970

Conversions

Conversions Part 2

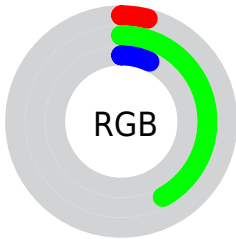
Format	Color
RYB	11, 99, 106
Decimal	748051
CIELab	38.60, -43.00, 38.50
CIElCh	39, 57.718, 138.162
Yxy	10.4262, 0.2976, 0.5735
Android (android.graphics.Color)	4278938131 (0xFF0B6A13)
YUV	67.6770, -23.9978, -49.7057
Hunter-Lab	32.2897, -26.6023, 18.2998

Details

The YUV color **67.6770, -23.9978, -49.7057** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **49.3230, 23.9978, 49.7057**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.6350, -26.9351, -40.8989**, and **33.4590, -16.4953, -29.3435** is the 20% darker color. If you saturate the color by 10%, you get **63.2480, -26.7443, -55.4685**, and if you desaturate by 10%, it is **72.1060, -21.2513, -43.9430**.

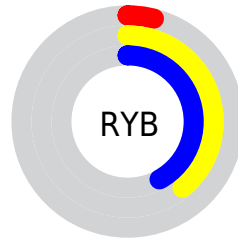
Distribution



Red (4%)

Green (42%)

Blue (7%)



Red (4%)

Yellow (39%)

Blue (42%)

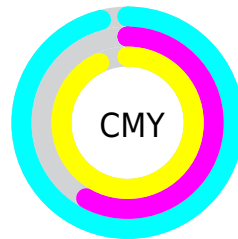


Cyan (90%)

Magenta (0%)

Yellow (82%)

Black (58%)



Cyan (96%)

Magenta (58%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.6770, -23.9978, -49.7057 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 67.6770, -23.9978, -49.7057 by changing the saturation by 10% instead.

■ 67.6770, -23.9978,
-49.7057

■ 67.6770, -23.9978,
-49.7057

255.0000, 0.0000,
0.0000

■ 47.5470, -23.4407,
-41.6987

■ 123.6350,
-26.9351, -40.8989

■ 33.4590, -16.4953,
-29.3435

■ 150.9940,
-28.0980, -41.2137

■ 21.1320, -10.4181,
-18.5328

■ 178.7660,
-28.9716, -41.0138

■ 0.0000, 0.0000,
0.0000


■ 206.6520,
-29.4084, -40.9138


■ 225.7330,
-25.5044, -33.0918


■ 237.4820,


-17.9856, -17.9627


 249.4590, -9.5933,
-3.0335


 67.6770, -23.9978,
-49.7057


 67.6770, -23.9978,
-49.7057


 63.2480, -26.7443,
-55.4685

 72.1060, -21.2513,
-43.9430

 76.1220, -18.7941,
-38.6950

 80.5510, -16.0476,
-32.9322

 84.6810, -13.1537,
-27.7842

 89.1100, -10.4072,
-22.0215

■ 93.4250, -8.0975,
-16.1587

■ 97.5550, -5.2036,
-11.0107

■ 101.9840, -2.4571,
-5.2480

■ 106.0000, 0.0000,
0.0000

Harmonies

Analogous

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



82.0550, -40.4531, 1.7058



67.6770, -23.9978, -49.7057



72.5500, -1.2571, -63.6263

Triad

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



67.6770, -23.9978, -49.7057



80.7360, 50.4162, -70.8055



79.9700, -7.3802, 80.7103

Complementary

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



67.6770, -23.9978, -49.7057



49.3230, 23.9978, 49.7057

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.



83.9960, 13.3130, 70.1635



67.6770, -23.9978, -49.7057



81.8690, 48.8716, -41.9811

Square

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



67.6770, -23.9978, -49.7057



82.2230, 38.3441, -72.1096



92.5100, 30.3146, 30.2477



84.3290, -32.2072, 63.7325

Rectangle

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



67.6770, -23.9978, -49.7057



76.8990, 12.8678, -67.4404



92.5100, 30.3146, 30.2477



79.9190, 0.0399, 80.7550

Sweetspot

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



67.6770, -23.9978, -49.7057



123.0610, -9.3971, -19.3475



92.7780, -40.3166, 4.5797



60.1420, -5.4930, -11.5255



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



67.6770, -23.9978, -49.7057



82.3740, -34.6944, -72.2420



73.0350, -3.4683, -54.4047



51.6360, -1.2995, -3.1888



69.8190, -29.4908, -61.2313



146.2090, -61.7280, -128.2253

Inverse Universe

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



49.3230, 23.9978, 49.7057



55.6260, 34.6944, 72.2420



43.9650, 3.4683, 54.4047



50.3640, 1.2995, 3.1888



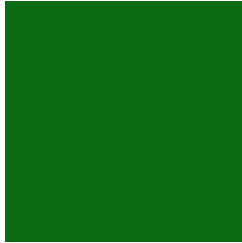
47.1810, 29.4908, 61.2313



98.7910, 61.7280, 128.2253

Previews

White Background



This preview shows how the YUV color 67.6770, -23.9978, -49.7057 looks on a white background.

Color Contrast Check

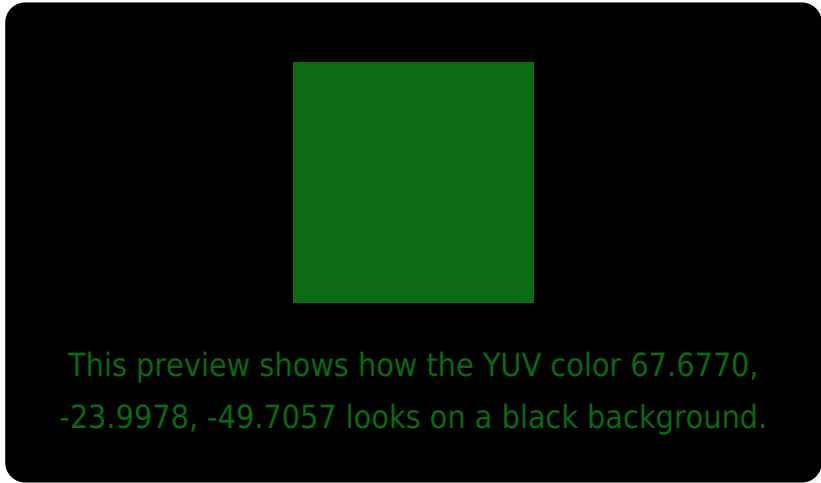
Large Text (above 18pt) WCAG AA ✓ Pass

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 67.6770, -23.9978, -49.7057 Background



This preview shows how black text looks on a background with the YUV color 67.6770, -23.9978, -49.7057.



This preview shows how white text looks on a background with the YUV color 67.6770, -23.9978, -49.7057.

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

67.6770, -23.9978, -49.7057

Protanopia

85.6250, -34.8181, 14.3609

Deuteranopia

87.8740, -29.0249, 22.9125



Tritanopia

83.7660, 11.4544, -33.9978

Trichromacy



Original Color

67.6770, -23.9978, -49.7057

Protanomaly

78.8070, -30.9639, -8.6007

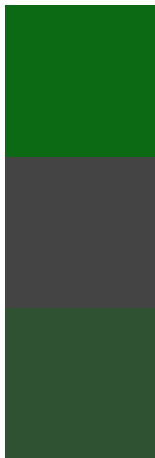
Deuteranomaly

80.4640, -27.3438, -3.0379

Tritanomaly

78.2910, -1.6225, -39.7202

Monochromacy



Original Color

67.6770, -23.9978, -49.7057

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.8870, -8.8183, -18.3179

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.6770, -23.9978, -49.7057 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(11, 106, 19)` looks like.

```
.text, #text, p{  
    color:rgb(11, 106, 19)  
}
```

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(11, 106, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 106, 19) }
```

Border

The CSS property to change the border of an element to YUV 67.6770, -23.9978, -49.7057 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(11, 106, 19) }
```


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

```
.border{ border-color:rgb(11, 106, 19) }
```

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

Here you see how a box with a 4 pixel rgb(11, 106, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 106, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 106, 19);  
box-shadow:4px 4px 4px 4px rgb(11, 106,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 67.6770, -23.9978, -49.7057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 106, 19) }
```

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

```
.background{ background-color: rgb(11, 106,  
19) }
```

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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