

Converting Colors

YUV(69.3300, -27.7707,
-52.9094)

Have a look what the booklet for
YUV(69.3300, -27.7707, -52.9094)
contains.

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Color

**YUV(69.3300, -27.7707,
-52.9094)**

Conversions

Conversions Part 1

Format	Color
Hex	096F0D
RGB	9, 111, 13
RGB Percent	4%, 44%, 5%
CMY	0.9647, 0.5647, 0.9490
CMYK	0.92, 0.00, 0.88, 0.56
HSL	122°, 85%, 24%
HSV	122°, 92%, 44%
XYZ	5.8697, 11.4560, 2.2826
YIQ	69.3300, -29.3340, -52.1020

Conversions

Conversions Part 2

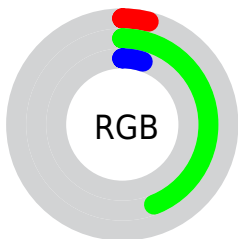
Format	Color
R_{YB}	9, 107, 111
Decimal	618253
CIE Lab	40.34, -45.20, 41.99
CIE LCh	40, 61.694, 137.111
Yxy	11.4560, 0.2993, 0.5842
Android (android.graphics.Color)	4278808333 (0xFF096F0D)
YUV	69.3300, -27.7707, -52.9094
Hunter-Lab	33.8467, -28.2761, 19.6942

Details

The YUV color **69.3300, -27.7707, -52.9094** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **50.6700, 27.7707, 52.9094**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.1140, -30.1292, -43.0730**, and **36.3940, -17.9422, -31.9175** is the 20% darker color. If you saturate the color by 10%, you get **65.6130, -30.3752, -57.5426**, and if you desaturate by 10%, it is **73.8730, -24.5874, -47.2466**.

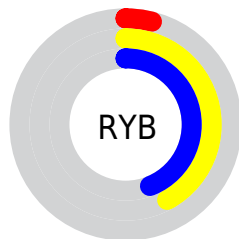
Distribution



Red (4%)

Green (44%)

Blue (5%)



Red (4%)

Yellow (42%)

Blue (44%)

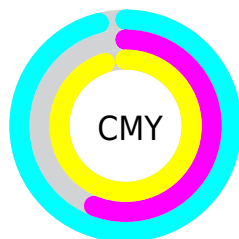


Cyan (92%)

Magenta (0%)

Yellow (88%)

Black (56%)



Cyan (96%)

Magenta (56%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.3300, -27.7707, -52.9094 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 69.3300, -27.7707, -52.9094 by changing the saturation by 10% instead.

■ 69.3300, -27.7707,
-52.9094

■ 69.3300, -27.7707,
-52.9094

255.0000, 0.0000,
0.0000

■ 50.4820, -24.8876,
-44.2727

■ 127.1140,
-30.1292, -43.0730

■ 36.3940, -17.9422,
-31.9175

■ 154.2990,
-30.7134, -42.3582

■ 24.0670, -11.8650,
-21.1068

■ 182.0710,
-31.5870, -42.1583

■ 1.1740, -0.5788,
-1.0296

■ 210.4300,
-32.7500, -42.4731


■ 0.0000, 0.0000,
0.0000


■ 226.2880,
-27.2570, -30.9476


■ 238.1510,


-19.3014, -15.9184


 250.0140,
-11.3459, -0.8893


 69.3300, -27.7707,
-52.9094


 69.3300, -27.7707,
-52.9094


 65.6130, -30.3752,
-57.5426

 73.8730, -24.5874,
-47.2466

 78.3020, -21.8409,
-41.4839

 82.8450, -18.6576,
-35.8211

 87.3880, -15.4743,
-30.1583

 91.8170, -12.7278,
-24.3955

■ 96.6590, -9.6919,
-18.1179

■ 101.2020, -6.5086,
-12.4552

■ 105.6310, -3.7621,
-6.6924

■ 110.1740, -0.5788,
-1.0296

Harmonies

Analogous

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



86.4850, -42.6371, 2.2057



69.3300, -27.7707, -52.9094



76.1860, -2.5567, -66.8151

Triad

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



69.3300, -27.7707, -52.9094



84.9250, 53.7740, -74.4792



81.6550, -6.2389, 88.0026

Complementary

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



69.3300, -27.7707, -52.9094



50.6700, 27.7707, 52.9094

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.



86.4250, 16.0595, 75.9263



69.3300, -27.7707, -52.9094



79.0070, 56.1985, -58.7651

Square

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



69.3300, -27.7707, -52.9094



86.7710, 40.5389, -76.0982



97.0200, 33.5141, 30.6775



87.0200, -33.5339, 69.2655

Rectangle

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



69.3300, -27.7707, -52.9094



80.7630, 12.4418, -70.8292



97.0200, 33.5141, 30.6775



80.5440, 2.1968, 88.9769

Sweetspot

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



69.3300, -27.7707, -52.9094



128.5940, -11.1388, -20.6919



98.4750, -44.1112, 8.3534



63.7890, -6.7980, -12.9700



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



69.3300, -27.7707, -52.9094



85.7990, -39.3409, -75.2457



75.0300, -5.9308, -57.9083



53.6360, -1.2995, -3.1888



71.0100, -32.5429, -62.2758



146.1290, -67.1116, -128.1551

Inverse Universe

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



50.6700, 27.7707, 52.9094



59.3150, 39.7777, 75.1457



44.9700, 5.9308, 57.9083



52.4780, 1.7363, 3.0888



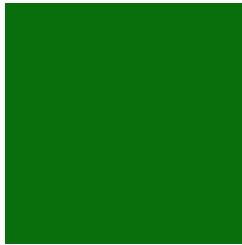
48.9900, 32.5429, 62.2758



100.9850, 67.5484, 128.0552

Previews

White Background



This preview shows how the YUV color 69.3300, -27.7707, -52.9094 looks on a white background.

Color Contrast Check

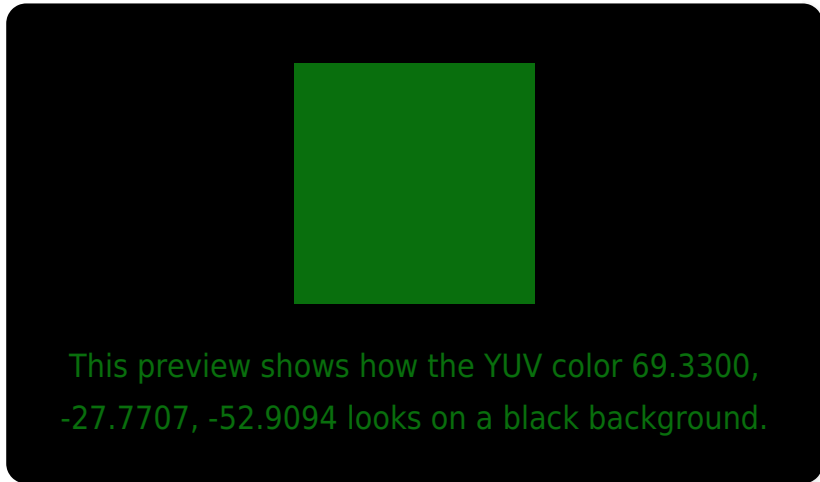
Large Text (above 18pt) WCAG AA ✓ Pass

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

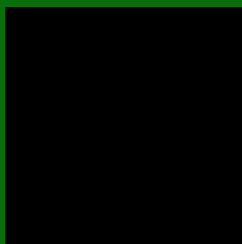
Any Text WCAG AA × Fail

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 69.3300, -27.7707, -52.9094 Background



This preview shows how black text looks on a background with the YUV color 69.3300, -27.7707, -52.9094.



This preview shows how white text looks on a background with the YUV color 69.3300, -27.7707, -52.9094.

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

69.3300, -27.7707, -52.9094

Protanopia

88.5560, -40.2071, 16.1754

Deuteranopia

91.4890, -31.7931, 24.1271



Tritanopia

87.2820, 12.1860, -35.3273

Trichromacy



Original Color

69.3300, -27.7707, -52.9094

Protanomaly

81.5420, -35.7632, -9.2453

Deuteranomaly

83.6550, -30.3959, -4.0824

Tritanomaly

80.7530, -2.3432, -41.8794

Monochromacy



Original Color

69.3300, -27.7707, -52.9094

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.9470, -9.8339, -19.2475

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.3300, -27.7707, -52.9094 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(9, 111, 13)` looks like.

```
.text, #text, p{  
    color:rgb(9, 111, 13)  
}
```

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(9, 111, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 111, 13) }
```

Border

The CSS property to change the border of an element to YUV 69.3300, -27.7707, -52.9094 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(9, 111, 13) }
```


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

```
.border{ border-color:rgb(9, 111, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 111, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 111, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 111, 13);  
box-shadow:4px 4px 4px 4px rgb(9, 111, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.3300, -27.7707, -52.9094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 111, 13) }
```

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

```
.background{ background-color: rgb(9, 111,  
13) }
```

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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