

Converting Colors

YUV(67.9670, -16.7457, 4.4139)

Have a look what the booklet for
YUV(67.9670, -16.7457, 4.4139)
contains.

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Color

**YUV(67.9670, -16.7457,
4.4139)**

Conversions

Conversions Part 1

Format	Color
Hex	494822
RGB	73, 72, 34
RGB Percent	29%, 28%, 13%
CMY	0.7137, 0.7176, 0.8667
CMYK	0.00, 0.01, 0.53, 0.71
HSL	58°, 36%, 21%
HSV	58°, 53%, 29%
XYZ	5.3538, 6.1667, 2.4215
YIQ	67.9670, 12.7940, -11.6060

Conversions

Conversions Part 2

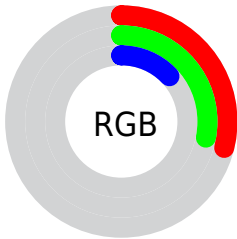
Format	Color
RYB	35, 73, 34
Decimal	4802594
CIELab	29.83, -5.87, 22.77
CIElCh	30, 23.518, 104.465
Yxy	6.1667, 0.3840, 0.4423
Android (android.graphics.Color)	4282992674 (0xFF494822)
YUV	67.9670, -16.7457, 4.4139
Hunter-Lab	24.8328, -4.9743, 11.6015

Details

The YUV color **67.9670, -16.7457, 4.4139** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **39.0330, 16.7457, -4.4139**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.3370, -17.9141, 5.8435**, and **25.3950, -12.5197, 2.2846** is the 20% darker color. If you saturate the color by 10%, you get **67.1690, -19.8033, 5.1138**, and if you desaturate by 10%, it is **68.7650, -13.6881, 3.7141**.

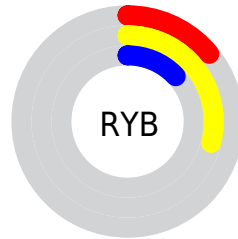
Distribution



Red (29%)

Green (28%)

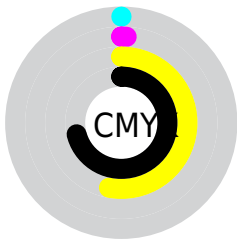
Blue (13%)



Red (14%)

Yellow (29%)

Blue (13%)

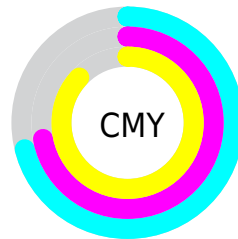


Cyan (0%)

Magenta (1%)

Yellow (53%)

Black (71%)



Cyan (71%)

Magenta (72%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.9670, -16.7457, 4.4139 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 67.9670, -16.7457, 4.4139 by changing the saturation by 10% instead.

■ 67.9670, -16.7457,
4.4139

■ 67.9670, -16.7457,
4.4139

■ 255.0000, 0.0000,
0.0000

■ 45.6680, -16.5983,
3.7992

■ 116.3370,
-17.9141, 5.8435

■ 25.3950, -12.5197,
2.2846

■ 142.1090,
-18.7877, 6.0434

■ 0.0000, 0.0000,
0.0000

■ 168.8810,
-19.6613, 6.2434

■ 196.0660,
-20.2455, 6.9581

■ 223.9520,
-20.6823, 7.0581

■ 249.8700,

-19.6559, 4.4990

253.0620, -7.4256,
1.6996

67.9670, -16.7457,
4.4139

67.9670, -16.7457,
4.4139

67.1690, -19.8033,
5.1138

68.7650, -13.6881,
3.7141

66.2570, -23.2977,
5.9136

69.6770, -10.1938,
2.9143

64.8720, -26.0659,
7.1283

71.0620, -7.4256,
1.6996

64.0740, -29.1235,
7.8281

71.8600, -4.3680,
0.9998

63.5040, -31.3075,
8.3280

72.6580, -1.3104,
0.2999

■ 73.5700, 2.1840,
-0.4999

■ 74.3680, 5.2416,
-1.1997

■ 75.1660, 8.2992,
-1.8996

■ 76.6650, 11.5042,
-3.2142

Harmonies

Analogous

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



69.6420, -17.0785, 17.8540



67.9670, -16.7457, 4.4139



65.9480, -11.3134, -11.3554

Triad

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



67.9670, -16.7457, 4.4139



56.6160, 18.9233, -49.6522



72.5930, 4.1447, 24.0359

Complementary

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



67.9670, -16.7457, 4.4139



39.0330, 16.7457, -4.4139

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.



72.1550, 11.7556, 9.5111



67.9670, -16.7457, 4.4139



61.3770, 21.5061, -38.0416

Square

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



67.9670, -16.7457, 4.4139



55.9660, 11.3558, -49.0822



69.6300, 17.9304, -11.0765



71.3350, -4.6022, 29.5242

Rectangle

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



67.9670, -16.7457, 4.4139



63.0050, -4.4395, -22.8064



69.6300, 17.9304, -11.0765



72.2550, 6.7763, 19.9474

Sweetspot

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



67.9670, -16.7457, 4.4139



92.2900, -6.5520, 1.4997



45.7750, -5.3121, 23.8763



46.9740, -3.9312, 0.8998



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



67.9670, -16.7457, 4.4139



86.5730, -25.9185, 6.5135



63.1720, -14.3818, -7.1668



35.5440, -1.7472, 0.3999



86.5400, -42.6642, 10.9274



197.6000, -97.4168, 25.7838

Inverse Universe

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



39.0330, 16.7457, -4.4139



42.0140, 25.6291, -7.0283



43.8280, 14.3818, 7.1668



32.4560, 1.7472, -0.3999



13.0470, 42.3748, -11.4422



29.4000, 97.4168, -25.7838

Previews

White Background



This preview shows how the YUV color 67.9670, -16.7457, 4.4139 looks on a white background.

Color Contrast Check

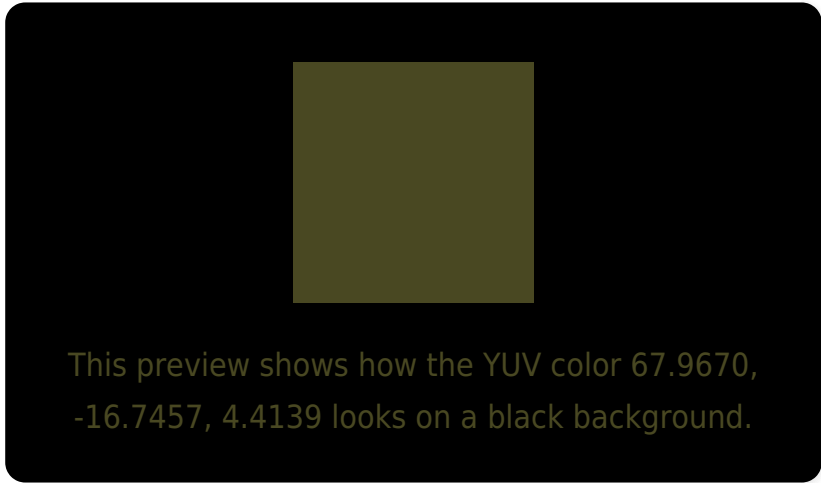
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

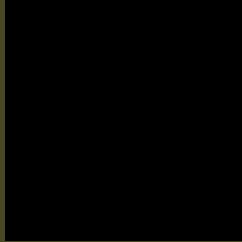
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.9670, -16.7457, 4.4139

Background



This preview shows how black text looks on a background with the YUV color 67.9670, -16.7457, 4.4139.

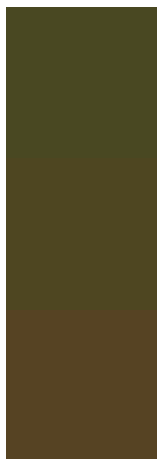


This preview shows how white text looks on a background with the YUV color 67.9670, -16.7457,

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

67.9670, -16.7457, 4.4139

Protanopia

68.1740, -17.3408, 8.6174

Deuteranopia

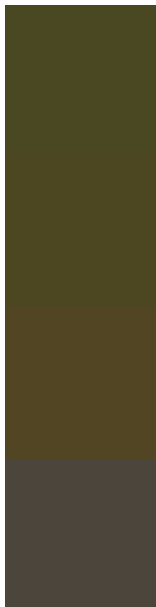
69.0330, -16.7783, 14.8801



Tritanopia

71.2610, 0.8573, 5.0331

Trichromacy



Original Color

67.9670, -16.7457, 4.4139

Protanomaly

68.1630, -17.3354, 6.8730

Deuteranomaly

68.7120, -16.6200, 10.7766

Tritanomaly

69.9530, -5.3998, 5.3032

Monochromacy



Original Color

67.9670, -16.7457, 4.4139

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.8170, -5.8258, 1.9145

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.9670, -16.7457, 4.4139 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(73, 72, 34)` looks like.

```
.text, #text, p{  
    color:rgb(73, 72, 34)  
}
```

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(73, 72, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 72, 34) }
```

Border

The CSS property to change the border of an element to YUV 67.9670, -16.7457, 4.4139 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(73, 72, 34) }
```


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

```
.border{ border-color:rgb(73, 72, 34) }
```

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

Here you see how a box with a 4 pixel rgb(73, 72, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 72, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 72, 34);  
box-shadow:4px 4px 4px 4px rgb(73, 72, 34)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.9670, -16.7457, 4.4139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 72, 34) }
```

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

```
.background{ background-color: rgb(73, 72,  
34) }
```

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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