

Converting Colors

YUV(67.4170, -15.9816, -7.3817)

Have a look what the booklet for
YUV(67.4170, -15.9816, -7.3817)
contains.

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Color

**YUV(67.4170, -15.9816,
-7.3817)**

Conversions

Conversions Part 1

Format	Color
Hex	3B4E23
RGB	59, 78, 35
RGB Percent	23%, 31%, 14%
CMY	0.7686, 0.6941, 0.8627
CMYK	0.24, 0.00, 0.55, 0.69
HSL	87°, 38%, 22%
HSV	87°, 55%, 31%
XYZ	4.8314, 6.4999, 2.5901
YIQ	67.4170, 2.4790, -17.4010

Conversions

Conversions Part 2

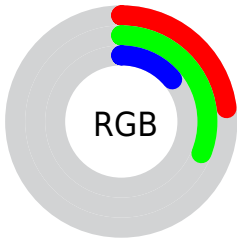
Format	Color
R_{YB}	35, 78, 54
Decimal	3886627
CIE Lab	30.64, -15.82, 22.89
CIE LCh	31, 27.828, 124.641
Yxy	6.4999, 0.3470, 0.4669
Android (android.graphics.Color)	4282076707 (0xFF3B4E23)
YUV	67.4170, -15.9816, -7.3817
Hunter-Lab	25.4950, -10.7898, 11.8231

Details

The YUV color **67.4170, -15.9816, -7.3817** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **45.5830, 15.9816, 7.3817**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.7760, -17.1446, -7.6966**, and **24.7420, -12.1978, -7.6667** is the 20% darker color. If you saturate the color by 10%, you get **65.6080, -19.0337, -8.4262**, and if you desaturate by 10%, it is **69.2260, -12.9294, -6.3372**.

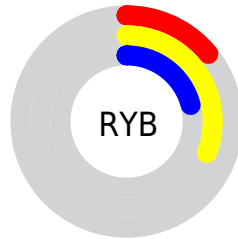
Distribution



Red (23%)

Green (31%)

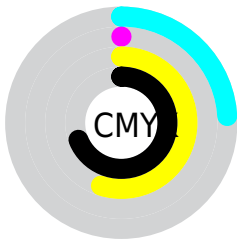
Blue (14%)



Red (14%)

Yellow (31%)

Blue (21%)

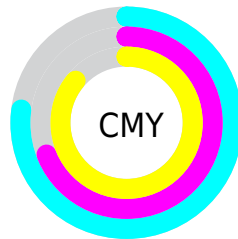


Cyan (24%)

Magenta (0%)

Yellow (55%)

Black (69%)



Cyan (77%)

Magenta (69%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.4170, -15.9816, -7.3817 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 67.4170, -15.9816, -7.3817 by changing the saturation by 10% instead.

67.4170, -15.9816,
-7.3817

67.4170, -15.9816,
-7.3817

255.0000, 0.0000,
0.0000

44.5310, -15.5448,
-7.4817

115.7760,
-17.1446, -7.6966

24.7420, -12.1978,
-7.6667

141.5480,
-18.0182, -7.4966

2.3480, -1.1576,
-2.0592

168.4340,
-18.4550, -7.3966

0.0000, 0.0000,
0.0000

195.3200,
-18.8918, -7.2966

223.7930,
-19.6179, -7.7115

246.5100,

-17.0134, -3.0783

■ 253.2900, -6.5520,
1.4997

■ 67.4170, -15.9816,
-7.3817

■ 67.4170, -15.9816,
-7.3817

■ 65.6080, -19.0337,
-8.4262

■ 69.2260, -12.9294,
-6.3372

■ 63.5000, -21.9385,
-10.0855

■ 71.3340, -10.0247,
-4.6779

■ 61.8050, -24.5539,
-11.2300

■ 73.0290, -7.4093,
-3.5334

■ 59.6970, -27.4586,
-12.8893

■ 75.1370, -4.5045,
-1.8741

■ 58.9420, -29.0584,
-13.1041

■ 76.9460, -1.4524,
-0.8296

■ 79.0540, 1.4524,
0.8296

■ 80.8630, 4.5045,
1.8741

■ 82.8570, 6.9725,
3.6334

■ 84.6660, 10.0247,
4.6779

Harmonies

Analogous

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



69.8600, -21.1300, 10.6468



67.4170, -15.9816, -7.3817



62.8470, -4.8546, -29.6838

Triad

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



67.4170, -15.9816, -7.3817



59.0270, 25.6227, -51.7667



73.1660, -1.5608, 34.0574

Complementary

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



67.4170, -15.9816, -7.3817



45.5830, 15.9816, 7.3817

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.



74.3310, 8.2178, 24.2657



67.4170, -15.9816, -7.3817



67.9210, 23.2099, -24.4867

Square

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



67.4170, -15.9816, -7.3817



59.0780, 18.2025, -51.8114



73.7890, 16.8660, 3.6930



72.2340, -11.4544, 33.9978

Rectangle

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



67.4170, -15.9816, -7.3817



56.3590, 5.2460, -49.4268



73.7890, 16.8660, 3.6930



73.3660, 1.7916, 32.1280

Sweetspot

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



67.4170, -15.9816, -7.3817



97.6700, -6.2463, -3.2186



59.0100, -11.8369, 16.6542



48.3650, -3.6309, -2.0741



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



67.4170, -15.9816, -7.3817



85.3920, -24.8433, -11.7448



61.1380, -12.8860, -20.2920



37.2450, -1.5998, -0.2149



76.9170, -37.9201, -17.4672



173.2820, -85.4280, -39.7123

Inverse Universe

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



45.5830, 15.9816, 7.3817



51.3090, 24.9907, 11.1300



51.8620, 12.8860, 20.2920



35.0540, 1.4524, 0.8296



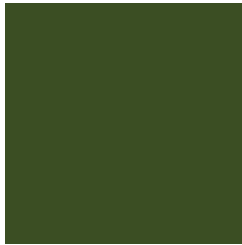
25.0830, 37.9201, 17.4672



56.4190, 85.5754, 39.0975

Previews

White Background



This preview shows how the YUV color 67.4170, -15.9816, -7.3817 looks on a white background.

Color Contrast Check

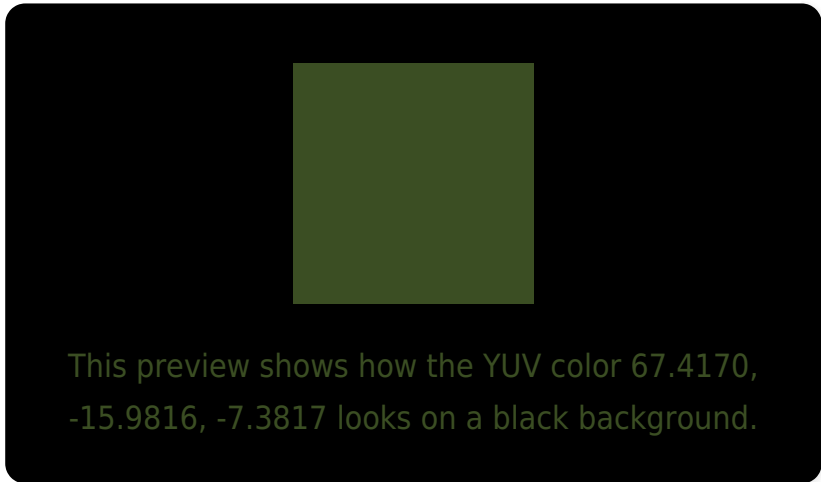
Large Text (above 18pt) WCAG AA ✓ Pass

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 67.4170, -15.9816, -7.3817

Background



This preview shows how black text looks on a background with the YUV color 67.4170, -15.9816, -7.3817.



This preview shows how white text looks on a background with the YUV color 67.4170, -15.9816, -7.3817.

-7.3817.

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

67.4170, -15.9816, -7.3817

Protanopia

69.9460, -18.2144, 8.8174

Deuteranopia

71.1470, -16.3415, 14.7801



Tritanopia

71.2920, 3.8000, -5.5181

Trichromacy



Original Color

67.4170, -15.9816, -7.3817

Protanomaly

68.8420, -17.1771, 2.7696

Deuteranomaly

69.5050, -16.0250, 6.5731

Tritanomaly

70.0440, -3.4727, -6.1776

Monochromacy



Original Color

67.4170, -15.9816, -7.3817

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0830, -5.9569, -2.7038

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.4170, -15.9816, -7.3817 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(59, 78, 35)` looks like.

```
.text, #text, p{  
    color:rgb(59, 78, 35)  
}
```

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(59, 78, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 78, 35) }
```

Border

The CSS property to change the border of an element to YUV 67.4170, -15.9816, -7.3817 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(59, 78, 35) }
```


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

```
.border{ border-color:rgb(59, 78, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 78, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 78, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 78, 35);  
box-shadow:4px 4px 4px 4px rgb(59, 78, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.4170, -15.9816, -7.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 78, 35) }
```

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

```
.background{ background-color: rgb(59, 78,  
35) }
```

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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