

Converting Colors

YUV(68.2380, -14.4143, 3.2993)

Have a look what the booklet for
YUV(68.2380, -14.4143, 3.2993)
contains.

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Color

**YUV(68.2380, -14.4143,
3.2993)**

Conversions

Conversions Part 1

Format	Color
Hex	484827
RGB	72, 72, 39
RGB Percent	28%, 28%, 15%
CMY	0.7176, 0.7176, 0.8471
CMYK	0.00, 0.00, 0.46, 0.72
HSL	60°, 30%, 22%
HSV	60°, 46%, 28%
XYZ	5.3561, 6.1589, 2.8260
YIQ	68.2380, 10.5930, -10.2630

Conversions

Conversions Part 2

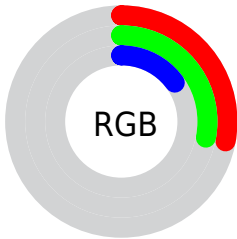
Format	Color
R_{YB}	39, 72, 39
Decimal	4737063
CIE _{Lab}	29.81, -5.76, 19.77
CIE _{LCh}	30, 20.591, 106.256
Yxy	6.1589, 0.3735, 0.4295
Android (android.graphics.Color)	4282927143 (0xFF484827)
YUV	68.2380, -14.4143, 3.2993
Hunter-Lab	24.8172, -4.9061, 10.6206

Details

The YUV color **68.2380, -14.4143, 3.2993** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **42.7620, 14.4143, -3.2993**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.3090, -15.4353, 4.1140**, and **25.6940, -12.6671, 2.8994** is the 20% darker color. If you saturate the color by 10%, you get **67.4400, -17.4719, 3.9991**, and if you desaturate by 10%, it is **69.0360, -11.3567, 2.5994**.

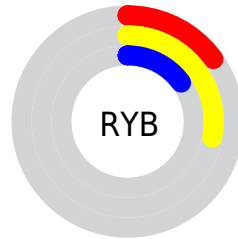
Distribution



Red (28%)

Green (28%)

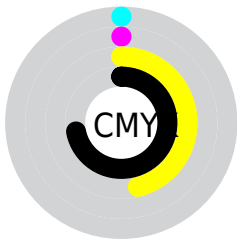
Blue (15%)



Red (15%)

Yellow (28%)

Blue (15%)

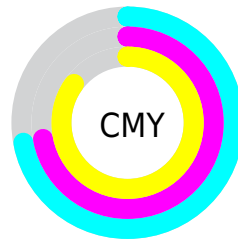


Cyan (0%)

Magenta (0%)

Yellow (46%)

Black (72%)



Cyan (72%)

Magenta (72%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.2380, -14.4143, 3.2993 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 68.2380, -14.4143, 3.2993 by changing the saturation by 10% instead.

■ 68.2380, -14.4143,
3.2993

■ 68.2380, -14.4143,
3.2993

■ 255.0000, 0.0000,
0.0000

■ 46.0530, -13.8301,
2.5845

■ 116.3090,
-15.4353, 4.1140

■ 25.6940, -12.6671,
2.8994

■ 142.0810,
-16.3089, 4.3140

■ 0.0000, 0.0000,
0.0000

■ 168.9670,
-16.7457, 4.4139

■ 196.1520,
-17.3299, 5.1287

■ 224.0380,
-17.7667, 5.2287

■ 250.5540,

-17.0351, 3.8991

253.7460, -4.8048,
1.0998

68.2380, -14.4143,
3.2993

68.2380, -14.4143,
3.2993

67.4400, -17.4719,
3.9991

69.0360, -11.3567,
2.5994

66.6420, -20.5295,
4.6990

69.8340, -8.2992,
1.8996

65.7300, -24.0239,
5.4988

70.7460, -4.8048,
1.0998

64.9320, -27.0815,
6.1986

71.5440, -1.7472,
0.3999

64.1340, -30.1391,
6.8985

72.3420, 1.3104,
-0.2999

63.7920, -31.4495,
7.1984

73.1400, 4.3680,
-0.9998

73.9380, 7.4256,
-1.6996

74.8500, 10.9200,
-2.4994

75.6480, 13.9775,
-3.1993

Harmonies

Analogous

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



69.7880, -15.1785, 15.0949



68.2380, -14.4143, 3.2993



66.2300, -8.9874, -10.7257

Triad

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



68.2380, -14.4143, 3.2993



56.6980, 17.8969, -47.0931



72.5280, 2.6977, 21.4619

Complementary

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



68.2380, -14.4143, 3.2993



42.7620, 14.4143, -3.2993

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.



72.2860, 9.7190, 9.3962



68.2380, -14.4143, 3.2993



64.8190, 17.8372, -27.9053

Square

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



68.2380, -14.4143, 3.2993



57.4720, 10.6133, -44.2639



70.2560, 15.1568, -8.1175



71.3130, -4.5913, 26.0355

Rectangle

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



68.2380, -14.4143, 3.2993



64.5430, -3.7187, -20.6472



70.2560, 15.1568, -8.1175



72.4890, 5.1819, 17.9881

Sweetspot

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



68.2380, -14.4143, 3.2993



92.5180, -5.6784, 1.2997



48.8670, -4.8644, 20.2876



47.0880, -3.4944, 0.7998



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.



68.2380, -14.4143, 3.2993



88.0720, -22.7135, 5.1989



63.4540, -12.0558, -6.5372



35.5440, -1.7472, 0.3999



87.7140, -43.2430, 9.8978



201.1220, -99.1531, 22.6950

Inverse Universe

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



42.7620, 14.4143, -3.2993



47.9280, 22.7135, -5.1989



47.8450, 11.9084, 7.1519



32.4560, 1.7472, -0.3999



11.2860, 43.2430, -9.8978



25.8780, 99.1531, -22.6950

Previews

White Background



This preview shows how the YUV color 68.2380, -14.4143, 3.2993 looks on a white background.

Color Contrast Check

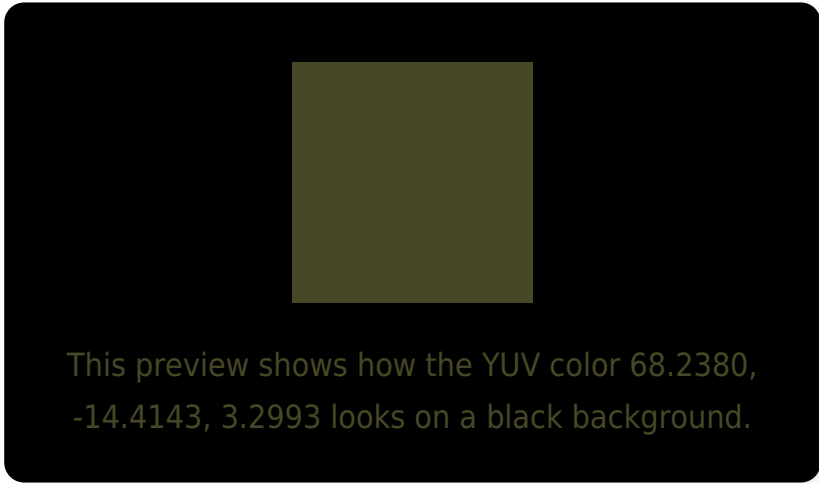
Large Text (above 18pt) WCAG AA ✓ Pass

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

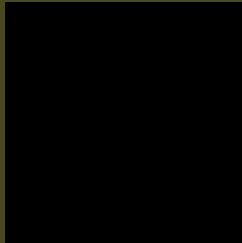
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.2380, -14.4143, 3.2993

Background



This preview shows how black text looks on a background with the YUV color 68.2380, -14.4143, 3.2993.



This preview shows how white text looks on a background with the YUV color 68.2380, -14.4143,

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

68.2380, -14.4143, 3.2993

Protanopia

68.4450, -15.0094, 7.5027

Deuteranopia

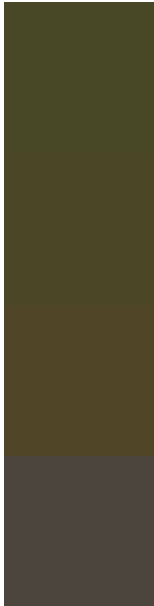
69.6030, -14.5943, 14.3802



Tritanopia

70.9620, 1.0047, 4.4183

Trichromacy



Original Color

68.2380, -14.4143, 3.2993

Protanomaly

68.4340, -15.0040, 5.7584

Deuteranomaly

69.2820, -14.4360, 10.2767

Tritanomaly

69.8820, -4.3788, 4.4885

Monochromacy



Original Color

68.2380, -14.4143, 3.2993

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.6320, -5.2416, 1.1997

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.2380, -14.4143, 3.2993 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(72, 72, 39)` looks like.

```
.text, #text, p{  
    color:rgb(72, 72, 39)  
}
```

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(72, 72, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 72, 39) }
```

Border

The CSS property to change the border of an element to YUV 68.2380, -14.4143, 3.2993 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(72, 72, 39) }
```


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

```
.border{ border-color:rgb(72, 72, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 72, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 72, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 72, 39);  
box-shadow:4px 4px 4px 4px rgb(72, 72, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.2380, -14.4143, 3.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 72, 39) }
```

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

```
.background{ background-color: rgb(72, 72,  
39) }
```

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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