

Converting Colors

YUV(68.1460, -14.8620, 6.8880)

Have a look what the booklet for
YUV(68.1460, -14.8620, 6.8880)
contains.

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Color

**YUV(68.1460, -14.8620,
6.8880)**

Conversions

Conversions Part 1

Format	Color
Hex	4C4626
RGB	76, 70, 38
RGB Percent	30%, 27%, 15%
CMY	0.7020, 0.7255, 0.8510
CMYK	0.00, 0.08, 0.50, 0.70
HSL	51°, 33%, 22%
HSV	51°, 50%, 30%
XYZ	5.5205, 6.0568, 2.7118
YIQ	68.1460, 13.8480, -8.6800

Conversions

Conversions Part 2

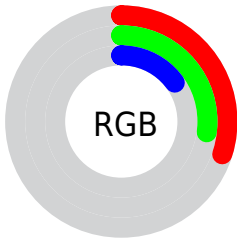
Format	Color
RYB	45, 76, 38
Decimal	4998694
CIELab	29.56, -2.72, 20.14
CIElCh	30, 20.320, 97.704
Yxy	6.0568, 0.3863, 0.4239
Android (android.graphics.Color)	4283188774 (0xFF4C4626)
YUV	68.1460, -14.8620, 6.8880
Hunter-Lab	24.6105, -3.0281, 10.6942

Details

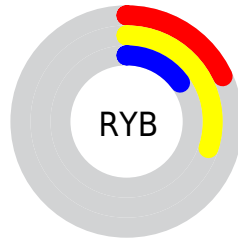
The YUV color **68.1460, -14.8620, 6.8880** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **45.8540, 14.8620, -6.8880**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.5160, -16.0304, 8.3175**, and **25.4170, -12.5306, 5.7733** is the 20% darker color. If you saturate the color by 10%, you get **66.6470, -18.0670, 8.2026**, and if you desaturate by 10%, it is **69.6450, -11.6570, 5.5733**.

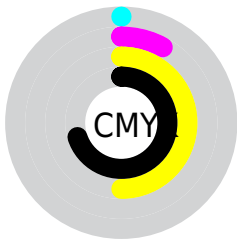
Distribution



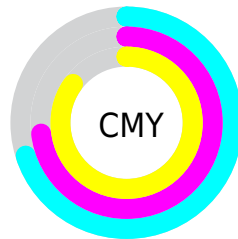
- Red (30%)
- Green (27%)
- Blue (15%)



- Red (18%)
- Yellow (30%)
- Blue (15%)



- Cyan (0%)
- Magenta (8%)
- Yellow (50%)
- Black (70%)



- Cyan (70%)
- Magenta (73%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.1460, -14.8620, 6.8880 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 68.1460, -14.8620, 6.8880 by changing the saturation by 10% instead.

68.1460, -14.8620,
6.8880

68.1460, -14.8620,
6.8880

255.0000, 0.0000,
0.0000

45.9610, -14.2778,
6.1732

116.5160,
-16.0304, 8.3175

25.4170, -12.5306,
5.7733

142.2880,
-16.9040, 8.5174

0.0000, 0.0000,
0.0000

168.4730,
-17.4882, 9.2322

195.7720,
-17.6356, 9.8470

223.6580,
-18.0724, 9.9469

249.8530,

-17.1825, 4.5139

253.6320, -5.2416,
1.1997

68.1460, -14.8620,
6.8880

68.1460, -14.8620,
6.8880

66.6470, -18.0670,
8.2026

69.6450, -11.6570,
5.5733

65.2620, -20.8352,
9.4172

71.0300, -8.8888,
4.3587

63.1760, -23.7508,
11.2466

73.1160, -5.9732,
2.5293

61.7910, -26.5190,
12.4613

74.5010, -3.2050,
1.3146

60.2920, -29.7240,
13.7759

76.0000, 0.0000,
0.0000

■ 77.4990, 3.2050,
-1.3146

■ 78.8840, 5.9732,
-2.5293

■ 80.9700, 8.8888,
-4.3587

■ 82.3550, 11.6570,
-5.5733

Harmonies

Analogous

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



69.7390, -14.1683, 17.7689



68.1460, -14.8620, 6.8880



66.0950, -10.8928, -6.2223

Triad

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



68.1460, -14.8620, 6.8880



55.5300, 16.0077, -47.8228



71.7880, 5.0345, 18.6029

Complementary

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



68.1460, -14.8620, 6.8880



45.8540, 14.8620, -6.8880

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.



71.4210, 11.6244, 4.8928



68.1460, -14.8620, 6.8880



62.0850, 17.7061, -32.5235

Square

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



68.1460, -14.8620, 6.8880



58.8920, 6.9552, -37.6163



68.4510, 16.0467, -13.5505



70.8830, -2.4073, 25.5356

Rectangle

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



68.1460, -14.8620, 6.8880



64.2940, -6.0609, -16.0438



68.4510, 16.0467, -13.5505



71.4500, 7.6661, 14.5143

Sweetspot

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



68.1460, -14.8620, 6.8880



96.2300, -5.5364, 2.4293



50.0460, -2.9807, 22.7617



49.3870, -3.6418, 1.4146



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.



68.1460, -14.8620, 6.8880



86.9910, -23.1666, 10.5319



67.7810, -14.6820, -4.1929



37.5440, -1.7472, 0.3999



80.9800, -39.9231, 18.4345



182.0610, -89.7561, 42.0425

Inverse Universe

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



45.8540, 14.8620, -6.8880



52.0090, 23.1666, -10.5319



46.2190, 14.6820, 4.1929



35.0430, 1.4578, -0.9147



21.0200, 39.9231, -18.4345



47.3520, 90.0455, -41.5277

Previews

White Background



This preview shows how the YUV color 68.1460, -14.8620, 6.8880 looks on a white background.

Color Contrast Check

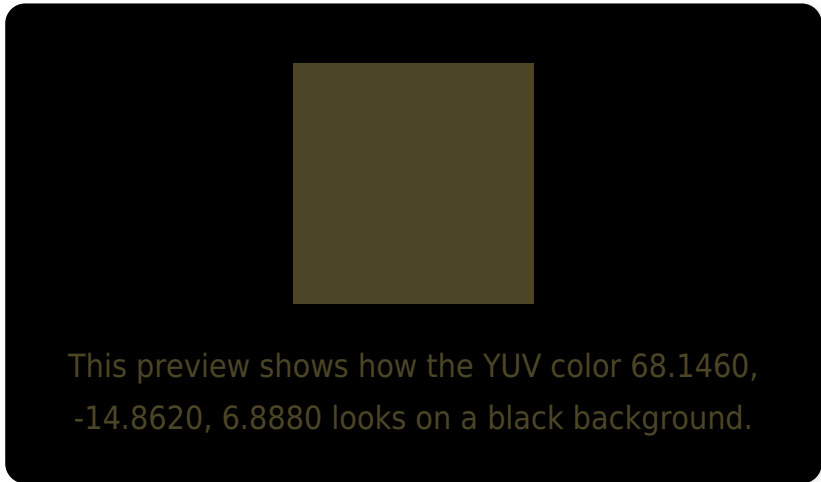
Large Text (above 18pt) WCAG AA ✓ Pass

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

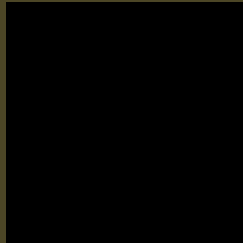
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.1460, -14.8620, 6.8880

Background



This preview shows how black text looks on a background with the YUV color 68.1460, -14.8620, 6.8880.

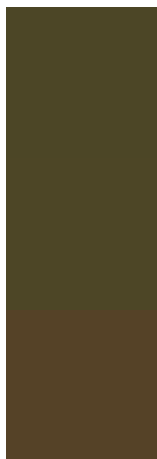


This preview shows how white text looks on a background with the YUV color 68.1460, -14.8620,

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

68.1460, -14.8620, 6.8880

Protanopia

68.4450, -15.0094, 7.5027

Deuteranopia

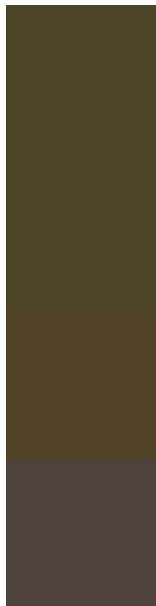
68.6030, -14.5943, 14.3802



Tritanopia

70.4570, 0.2677, 7.4922

Trichromacy



Original Color

68.1460, -14.8620, 6.8880

Protanomaly

68.4450, -15.0094, 7.5027

Deuteranomaly

68.2930, -14.4414, 12.0210

Tritanomaly

69.3770, -5.1159, 7.5624

Monochromacy



Original Color

68.1460, -14.8620, 6.8880

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.2300, -5.5364, 2.4293

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.1460, -14.8620, 6.8880 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(76, 70, 38)` looks like.

```
.text, #text, p{  
    color:rgb(76, 70, 38)  
}
```

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(76, 70, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 70, 38) }
```

Border

The CSS property to change the border of an element to YUV 68.1460, -14.8620, 6.8880 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(76, 70, 38) }
```


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

```
.border{ border-color:rgb(76, 70, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 70, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 70, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 70, 38);  
box-shadow:4px 4px 4px 4px rgb(76, 70, 38)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.1460, -14.8620, 6.8880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 70, 38) }
```

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

```
.background{ background-color: rgb(76, 70,  
38) }
```

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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