

Converting Colors

YUV(67.7760, -13.6936, 5.4584)

Have a look what the booklet for
YUV(67.7760, -13.6936, 5.4584)
contains.

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Color

**YUV(67.7760, -13.6936,
5.4584)**

Conversions

Conversions Part 1

Format	Color
Hex	4A4628
RGB	74, 70, 40
RGB Percent	29%, 27%, 16%
CMY	0.7098, 0.7255, 0.8431
CMYK	0.00, 0.05, 0.46, 0.71
HSL	53°, 30%, 22%
HSV	53°, 46%, 29%
XYZ	5.3972, 5.9894, 2.8791
YIQ	67.7760, 12.0140, -8.4820

Conversions

Conversions Part 2

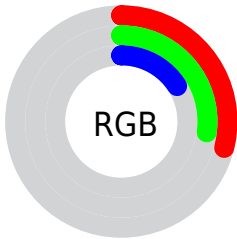
Format	Color
RYB	45, 74, 40
Decimal	4867624
CIELab	29.39, -3.45, 18.67
CIElCh	29, 18.983, 100.457
Yxy	5.9894, 0.3783, 0.4198
Android (android.graphics.Color)	4283057704 (0xFF4A4628)
YUV	67.7760, -13.6936, 5.4584
Hunter-Lab	24.4732, -3.4625, 10.1562

Details

The YUV color **67.7760, -13.6936, 5.4584** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **46.2240, 13.6936, -5.4584**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.1460, -14.8620, 6.8880**, and **24.8190, -12.2358, 4.5437** is the 20% darker color. If you saturate the color by 10%, you get **66.3910, -16.4618, 6.6731**, and if you desaturate by 10%, it is **69.1610, -10.9254, 4.2438**.

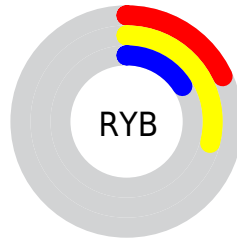
Distribution



 Red (29%)

 Green (27%)

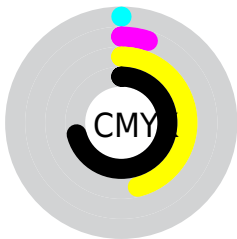
 Blue (16%)



 Red (18%)

 Yellow (29%)

 Blue (16%)

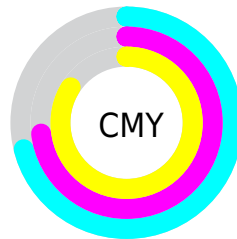



 Cyan (0%)

 Magenta (5%)

 Yellow (46%)

 Black (71%)



 Cyan (71%)

 Magenta (73%)

 Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.7760, -13.6936, 5.4584 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 67.7760, -13.6936, 5.4584 by changing the saturation by 10% instead.

■ 67.7760, -13.6936,
5.4584

■ 67.7760, -13.6936,
5.4584

■ 255.0000, 0.0000,
0.0000

■ 45.5910, -13.1094,
4.7437

■ 116.1460,
-14.8620, 6.8880

■ 24.8190, -12.2358,
4.5437

■ 141.9180,
-15.7356, 7.0879

■ 0.0000, 0.0000,
0.0000

■ 168.2170,
-15.8830, 7.7027

■ 195.1030,
-16.3198, 7.8027

■ 222.9890,
-16.7566, 7.9026

■ 250.0810,

-16.3089, 4.3140

253.8600, -4.3680,
0.9998

67.7760, -13.6936,
5.4584

67.7760, -13.6936,
5.4584

66.3910, -16.4618,
6.6731

69.1610, -10.9254,
4.2438

64.8920, -19.6668,
7.9877

70.6600, -7.7204,
2.9292

63.5070, -22.4350,
9.2024

72.0450, -4.9522,
1.7145

62.5950, -25.9293,
10.0022

72.9570, -1.4578,
0.9147

61.2100, -28.6975,
11.2168

74.3420, 1.3104,
-0.2999

■ 60.2810, -29.7185,
12.0316

■ 75.7270, 4.0786,
-1.5146

■ 77.2260, 7.2836,
-2.8292

■ 78.6110, 10.0518,
-4.0438

■ 80.1100, 13.2568,
-5.3585

Harmonies

Analogous

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



68.9560, -13.2893, 15.8246



67.7760, -13.6936, 5.4584



66.0240, -9.8718, -7.0370

Triad

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



67.7760, -13.6936, 5.4584



58.5310, 14.5282, -39.9307



71.1470, 3.8715, 18.2881

Complementary

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



67.7760, -13.6936, 5.4584



46.2240, 13.6936, -5.4584

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.



71.3780, 10.1666, 5.8075



67.7760, -13.6936, 5.4584



63.4770, 16.5268, -27.6053

Square

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



67.7760, -13.6936, 5.4584



59.9140, 6.9444, -34.1276



68.7180, 14.4360, -10.2767



70.7580, -2.8387, 23.8912

Rectangle

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



67.7760, -13.6936, 5.4584



64.5220, -5.1873, -16.2438



68.7180, 14.4360, -10.2767



71.1080, 6.3558, 14.8143

Sweetspot

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



67.7760, -13.6936, 5.4584



94.2300, -5.5364, 2.4293



50.7360, -2.8278, 20.4025



46.5010, -3.2050, 1.3146



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.



67.7760, -13.6936, 5.4584



87.4360, -21.4139, 8.3876



66.5360, -13.0822, -3.9781



37.5440, -1.7472, 0.3999



83.3280, -41.0807, 16.3753



187.3440, -92.3606, 37.4093

Inverse Universe

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



46.2240, 13.6936, -5.4584



53.5640, 21.4139, -8.3876



47.4640, 13.0822, 3.9781



35.0430, 1.4578, -0.9147



18.6720, 41.0807, -16.3753



42.0690, 92.6500, -36.8945

Previews

White Background



This preview shows how the YUV color 67.7760, -13.6936, 5.4584 looks on a white background.

Color Contrast Check

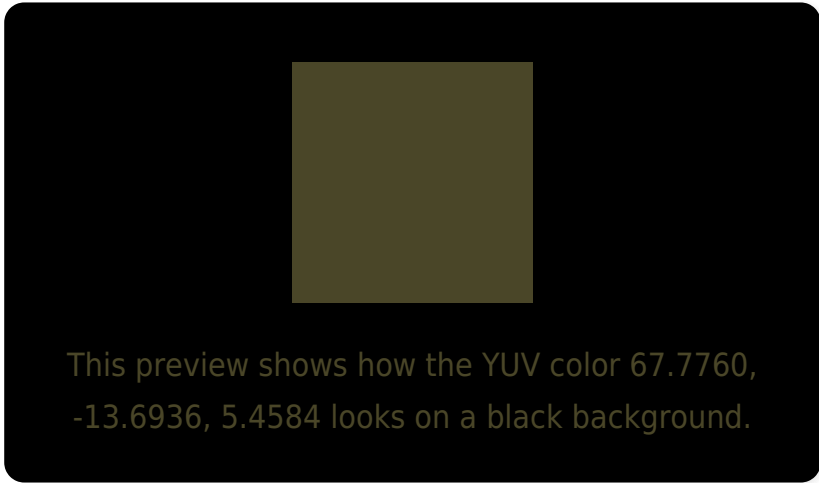
Large Text (above 18pt) WCAG AA ✓ Pass

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

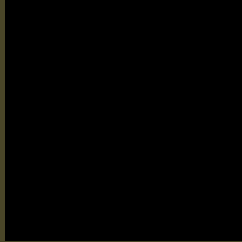
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.7760, -13.6936, 5.4584

Background



This preview shows how black text looks on a background with the YUV color 67.7760, -13.6936, 5.4584.

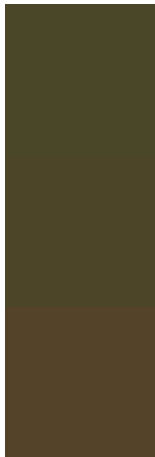


This preview shows how white text looks on a background with the YUV color 67.7760, -13.6936,

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

67.7760, -13.6936, 5.4584

Protanopia

67.7870, -13.6990, 7.2028

Deuteranopia

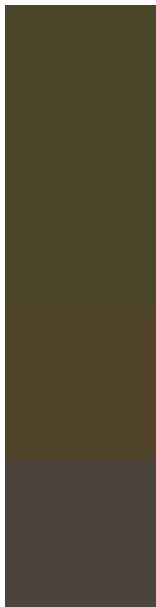
68.5320, -13.5733, 13.5654



Tritanopia

69.9730, 0.9993, 6.1627

Trichromacy



Original Color

67.7760, -13.6936, 5.4584

Protanomaly

67.4880, -13.5516, 6.5880

Deuteranomaly

67.9230, -13.2730, 10.5915

Tritanomaly

68.8930, -4.3842, 6.2328

Monochromacy



Original Color

67.7760, -13.6936, 5.4584

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.0450, -4.9522, 1.7145

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.7760, -13.6936, 5.4584 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(74, 70, 40)` looks like.

```
.text, #text, p{  
    color:rgb(74, 70, 40)  
}
```

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(74, 70, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 70, 40) }
```

Border

The CSS property to change the border of an element to YUV 67.7760, -13.6936, 5.4584 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(74, 70, 40) }
```


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

```
.border{ border-color:rgb(74, 70, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 70, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 70, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 70, 40);  
box-shadow:4px 4px 4px 4px rgb(74, 70, 40)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.7760, -13.6936, 5.4584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 70, 40) }
```

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

```
.background{ background-color: rgb(74, 70,  
40) }
```

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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