

Converting Colors

YUV(46.7420, -19.0998,
-33.9767)

Have a look what the booklet for
YUV(46.7420, -19.0998, -33.9767)
contains.

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Color

**YUV(46.7420, -19.0998,
-33.9767)**

Conversions

Conversions Part 1

Format	Color
Hex	084A08
RGB	8, 74, 8
RGB Percent	3%, 29%, 3%
CMY	0.9686, 0.7098, 0.9686
CMYK	0.89, 0.00, 0.89, 0.71
HSL	120°, 80%, 16%
HSV	120°, 89%, 29%
XYZ	2.5927, 4.9667, 1.0517
YIQ	46.7420, -18.1500, -34.5180

Conversions

Conversions Part 2

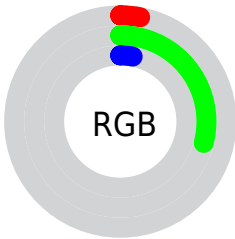
Format	Color
RYB	8, 74, 74
Decimal	543240
CIELab	26.64, -33.28, 30.92
CIELCh	27, 45.427, 137.101
Yxy	4.9667, 0.3011, 0.5768
Android (android.graphics.Color)	4278733320 (0xFF084A08)
YUV	46.7420, -19.0998, -33.9767
Hunter-Lab	22.2861, -18.2342, 12.8022

Details

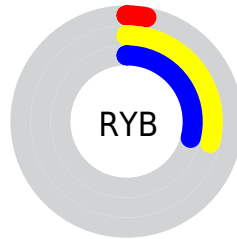
The YUV color **46.7420, -19.0998, -33.9767** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **35.2580, 19.0998, 33.9767**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.9060, -21.1527, -28.8586**, and **18.1970, -8.9711, -15.9588** is the 20% darker color. If you saturate the color by 10%, you get **43.8510, -21.1255, -37.5803**, and if you desaturate by 10%, it is **49.6330, -17.0741, -30.3731**.

Distribution



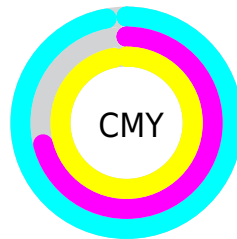
- Red (3%)
- Green (29%)
- Blue (3%)



- Red (3%)
- Yellow (29%)
- Blue (29%)



- Cyan (89%)
- Magenta (0%)
- Yellow (89%)
- Black (71%)





- Cyan (97%)
- Magenta (71%)
- Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YUV color 46.7420, -19.0998, -33.9767 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 46.7420, -19.0998, -33.9767 by changing the saturation by 10% instead.


 46.7420, -19.0998,
-33.9767


 46.7420, -19.0998,
-33.9767


 253.2900, -6.5520,
1.4997


 29.9370, -14.7589,
-26.2547


 98.9060, -21.1527,
-28.8586

 18.1970, -8.9711,
-15.9588

 124.3790,
-21.8788, -29.2734

 0.0000, 0.0000,
0.0000


 151.1510,
-22.7524, -29.0734


 177.6240,
-23.4786, -29.4882


 206.0970,
-24.2048, -29.9031


 230.4610,


-22.9053, -26.7143


 242.0250,
-14.8023, -12.2999


 46.7420, -19.0998,
-33.9767


 46.7420, -19.0998,
-33.9767


 43.8510, -21.1255,
-37.5803


 49.6330, -17.0741,
-30.3731

 43.4380, -21.4149,
-38.0951

 52.9370, -14.7589,
-26.2547

 55.8280, -12.7332,
-22.6512

 59.1320, -10.4181,
-18.5328

 62.0230, -8.3923,
-14.9292

■ 64.9140, -6.3666,
-11.3256

■ 68.2180, -4.0515,
-7.2072

■ 71.1090, -2.0257,
-3.6036

■ 74.4130, 0.2894,
0.5148

Harmonies

Analogous

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



57.2690, -28.2336, 2.3951



46.7420, -19.0998, -33.9767



50.4430, -2.1904, -44.2385

Triad

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



46.7420, -19.0998, -33.9767



56.6110, 36.6738, -49.6478



54.8210, -4.8418, 59.7930

Complementary

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



46.7420, -19.0998, -33.9767



35.2580, 19.0998, 33.9767

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.



57.7780, 10.4624, 51.0607



46.7420, -19.0998, -33.9767



53.9270, 37.5040, -35.8930

Square

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



46.7420, -19.0998, -33.9767



58.0810, 27.0751, -50.9370



64.2070, 23.0689, 20.8665



57.6350, -22.9911, 47.6781

Rectangle

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



46.7420, -19.0998, -33.9767



53.8800, 8.4402, -47.2528



64.2070, 23.0689, 20.8665



54.3140, 0.8312, 60.2376

Sweetspot

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



46.7420, -19.0998, -33.9767



86.2620, -7.5242, -13.3848



66.4760, -28.8287, 6.5985



41.8050, -4.3409, -7.7220



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.



46.7420, -19.0998, -33.9767



56.9390, -28.0709, -49.9355



50.5040, -4.6855, -37.2760



36.3480, -1.1576, -2.0592



59.8740, -29.5179, -52.5095



135.0100, -66.5599, -118.4038

Inverse Universe

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



35.2580, 19.0998, 33.9767



40.0610, 28.0709, 49.9355



31.4960, 4.6855, 37.2760



35.6520, 1.1576, 2.0592



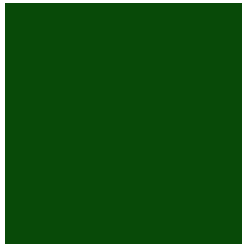
42.1260, 29.5179, 52.5095



94.9900, 66.5599, 118.4038

Previews

White Background



This preview shows how the YUV color 46.7420, -19.0998, -33.9767 looks on a white background.

Color Contrast Check

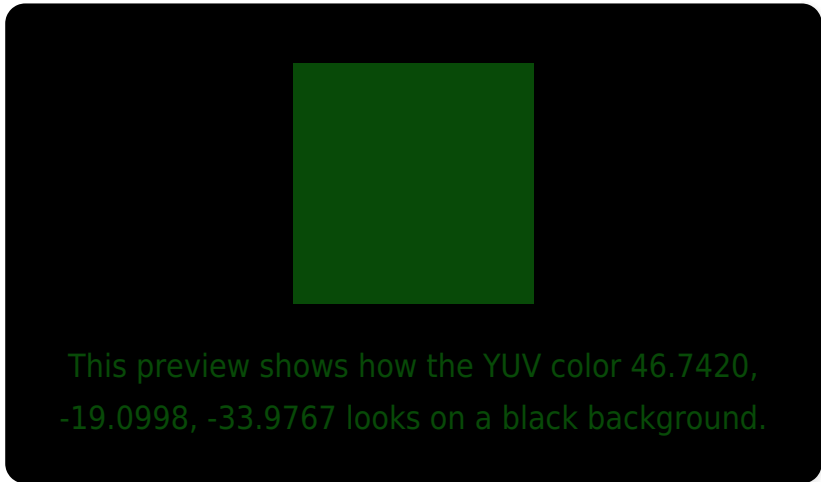
Large Text (above 18pt) WCAG AA ✓ Pass

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

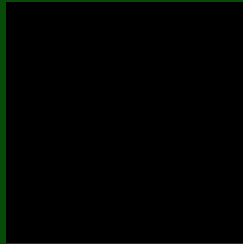
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.7420, -19.0998, -33.9767

Background



This preview shows how black text looks on a background with the YUV color 46.7420, -19.0998, -33.9767.



This preview shows how white text looks on a background with the YUV color 46.7420, -19.0998, -33.9767.

-33.9767.

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

46.7420, -19.0998, -33.9767

Protanopia

58.5520, -27.3871, 10.9169

Deuteranopia

60.8930, -21.1462, 15.8798



Tritanopia

58.5070, 7.6380, -23.2466

Trichromacy



Original Color

46.7420, -19.0998, -33.9767

Protanomaly

54.2510, -24.2807, -5.4821

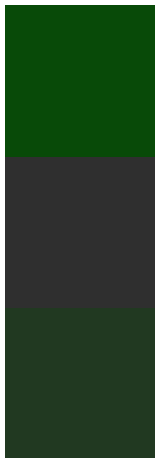
Deuteranomaly

55.5980, -20.5078, -2.2784

Tritanomaly

54.2540, -2.0972, -27.4098

Monochromacy



Original Color

46.7420, -19.0998, -33.9767

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0880, -6.9454, -12.3552

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.7420, -19.0998, -33.9767 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(8, 74, 8)` looks like.

```
.text, #text, p{  
    color:rgb(8, 74, 8)  
}
```

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(8, 74, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 74, 8) }
```

Border

The CSS property to change the border of an element to YUV 46.7420, -19.0998, -33.9767 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(8, 74, 8) }
```


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

```
.border{ border-color:rgb(8, 74, 8) }
```

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

Here you see how a box with a 4 pixel rgb(8, 74, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 74, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 74, 8); box-shadow:4px  
4px 4px 4px rgb(8, 74, 8) }
```

Background

The CSS property to change the background color of an element to YUV 46.7420, -19.0998, -33.9767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 74, 8) }
```

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

```
.background{ background-color: rgb(8, 74,  
8) }
```

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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