

Converting Colors

YUV(34.9410, -10.8169,
-30.6433)

Have a look what the booklet for
YUV(34.9410, -10.8169, -30.6433)
contains.

| | |
|--|----|
| YUV(34.9410, -10.8169, -30.6433) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 30 |

Color

**YUV(34.9410, -10.8169,
-30.6433)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 00390D |
| RGB | 0, 57, 13 |
| RGB Percent | 0%, 22%, 5% |
| CMY | 1.0000, 0.7765, 0.9490 |
| CMYK | 1.00, 0.00, 0.77, 0.78 |
| HSL | 134°, 100%, 11% |
| HSV | 134°, 100%, 22% |
| XYZ | 1.5358, 2.9553, 0.8703 |
| YIQ | 34.9410, -19.8480, -25.7680 |

Conversions

Conversions Part 2

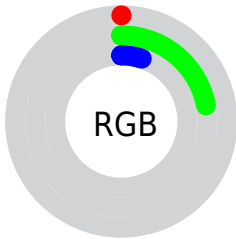
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 46, 57 |
| Decimal | 14605 |
| CIELab | 19.86, -28.18, 21.80 |
| CIELCh | 20, 35.629, 142.274 |
| Yxy | 2.9553, 0.2865, 0.5512 |
| Android (android.graphics.Color) | 4278204685 (0xFF00390D) |
| YUV | 34.9410, -10.8169, -30.6433 |
| Hunter-Lab | 17.1910, -14.1379, 9.0323 |

Details

The YUV color **34.9410, -10.8169, -30.6433** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **22.0590, 10.8169, 30.6433**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.2790, -13.4485, -26.5547**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.9410, -10.8169, -30.6433**, and if you desaturate by 10%, it is **37.1910, -9.9542, -27.3545**.

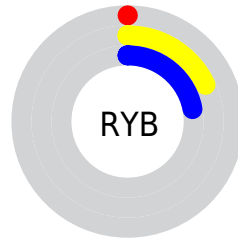
Distribution



Red (0%)

Green (22%)

Blue (5%)



Red (0%)

Yellow (18%)

Blue (22%)

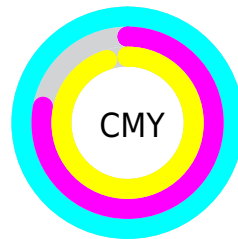


Cyan (100%)

Magenta (0%)

Yellow (77%)

Black (78%)



Cyan (100%)

Magenta (78%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.9410, -10.8169, -30.6433 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 34.9410, -10.8169, -30.6433 by changing the saturation by 10% instead.

■ 34.9410, -10.8169,
-30.6433

■ 34.9410, -10.8169,
-30.6433

■ 249.2890, -5.0725,
-6.3925

■ 21.1320, -10.4181,
-18.5328

■ 84.2790, -13.4485,
-26.5547

■ 0.0000, 0.0000,
0.0000

■ 109.0510,
-14.3221, -26.3547


■ 135.2250,
-14.9009, -27.3843


■ 161.6980,
-15.6271, -27.7991


■ 189.1710,
-16.3533, -28.2140


■ 217.0570,


-16.7901, -28.1140


 237.4260,
-13.0280, -21.4216


 34.9410, -10.8169,
-30.6433

 37.1910, -9.9542,
-27.3545

 39.2560, -8.5072,
-24.7805

 41.5060, -7.6445,
-21.4918

 43.8700, -6.3449,
-18.3030

 46.1200, -5.4822,
-15.0142

■ 48.0710, -4.4720,
-12.3403

■ 50.4350, -3.1725,
-9.1515

■ 52.6850, -2.3097,
-5.8627

■ 54.7500, -0.8628,
-3.2887

Harmonies

Analogous

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



43.0820, -21.2394, -0.9489



34.9410, -10.8169, -30.6433



39.1930, 0.3979, -34.3723

Triad

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



34.9410, -10.8169, -30.6433



42.5110, 28.3421, -37.2821



43.5540, -6.6821, 43.3641

Complementary

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



34.9410, -10.8169, -30.6433



22.0590, 10.8169, 30.6433

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.



44.4470, 5.6956, 39.9500



34.9410, -10.8169, -30.6433



46.1550, 25.0666, -13.2909

Square

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



34.9410, -10.8169, -30.6433



44.1920, 22.0903, -38.7564



48.8450, 15.3594, 20.3069



44.8290, -20.6217, 34.3530

Rectangle

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



34.9410, -10.8169, -30.6433



41.8320, 7.9708, -36.6867



48.8450, 15.3594, 20.3069



43.5910, -2.7564, 44.2087

Sweetspot

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



34.9410, -10.8169, -30.6433



65.4840, -4.1826, -11.8255



46.9140, -23.1286, -1.6786



32.6740, -2.3043, -7.6071



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



34.9410, -10.8169, -30.6433



45.3760, -13.9894, -39.7948



38.1330, 1.4134, -33.4426



26.8750, -0.4314, -1.6444



56.3980, -17.4512, -49.4610



134.2530, -41.5367, -117.7399

Inverse Universe

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



22.0590, 10.8169, 30.6433



28.6240, 13.9894, 39.7948



18.8670, -1.4134, 33.4426



26.1250, 0.4314, 1.6444



35.6020, 17.4512, 49.4610



84.7470, 41.5367, 117.7399

Previews

White Background



This preview shows how the YUV color 34.9410, -10.8169, -30.6433 looks on a white background.

Color Contrast Check

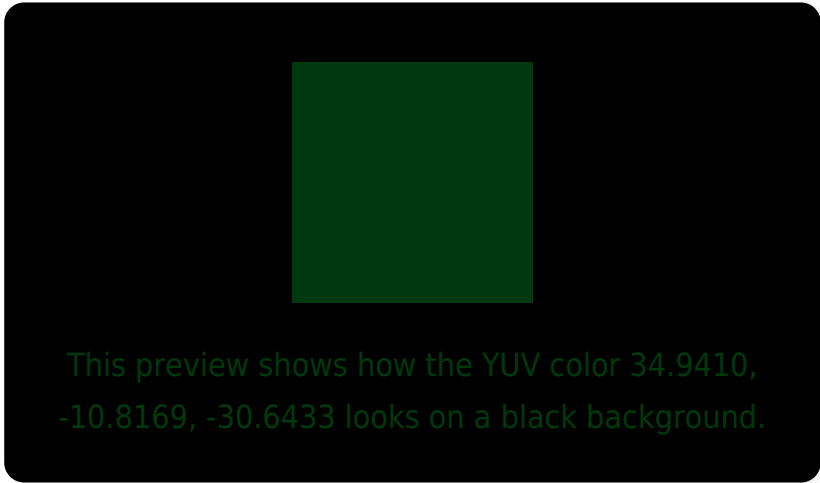
Large Text (above 18pt) WCAG AA ✓ Pass

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

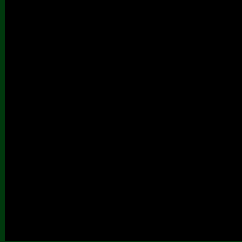
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.9410, -10.8169, -30.6433

Background



This preview shows how black text looks on a background with the YUV color 34.9410, -10.8169, -30.6433.



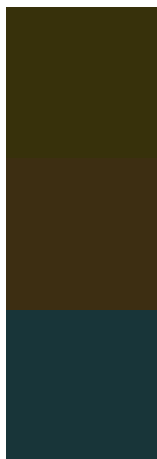
This preview shows how white text looks on a background with the YUV color 34.9410, -10.8169,

-30.6433.

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



Protanopia

46.4620, -17.4828, 7.4878

Deuteranopia

47.2930, -14.4414, 12.0210

Tritanopia

44.7850, 6.0220, -18.2284

Trichromacy



Protanomaly

42.3570, -14.9660, -6.4521

Deuteranomaly

42.8350, -13.2297, -3.3633

Tritanomaly

40.8570, 0.0705, -22.6766

Monochromacy



Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.8970, -3.8932, -11.3107

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.9410, -10.8169, -30.6433 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(0, 57, 13)` looks like.

```
.text, #text, p{  
    color:rgb(0, 57, 13)  
}
```

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(0, 57, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 57, 13) }
```

Border

The CSS property to change the border of an element to YUV 34.9410, -10.8169, -30.6433 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(0, 57, 13) }
```

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

```
.border{ border-color:rgb(0, 57, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 57, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 57, 13); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 57, 13); box-shadow:4px  
4px 4px 4px rgb(0, 57, 13) }
```


Background

The CSS property to change the background color of an element to YUV 34.9410, -10.8169, -30.6433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 57, 13) }
```

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

```
.background{ background-color: rgb(0, 57,  
13) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor