

Converting Colors

YUV(38.4410, -18.9514,
11.8912)

Have a look what the booklet for
YUV(38.4410, -18.9514, 11.8912)
contains.

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Color

**YUV(38.4410, -18.9514,
11.8912)**

Conversions

Conversions Part 1

Format	Color
Hex	342700
RGB	52, 39, 0
RGB Percent	20%, 15%, 0%
CMY	0.7961, 0.8471, 1.0000
CMYK	0.00, 0.25, 1.00, 0.80
HSL	45°, 100%, 10%
HSV	45°, 100%, 20%
XYZ	2.1417, 2.1811, 0.3081
YIQ	38.4410, 20.2670, -9.3730

Conversions

Conversions Part 2

Format	Color
R_{YB}	17, 52, 0
Decimal	3417856
CIE Lab	16.41, 1.52, 23.89
CIE LCh	16, 23.935, 86.348
Yxy	2.1811, 0.4625, 0.4710
Android (android.graphics.Color)	4281607936 (0xFF342700)
YUV	38.4410, -18.9514, 11.8912
Hunter-Lab	14.7686, 0.0406, 9.1010

Details

The YUV color **38.4410, -18.9514, 11.8912** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **13.5590, 18.9514, -11.8912**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.5660, -18.5200, 13.5356**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **38.4410, -18.9514, 11.8912**, and if you desaturate by 10%, it is **39.5980, -17.0568, 10.8766**.

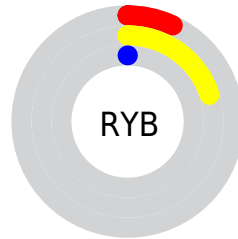
Distribution



Red (20%)

Green (15%)

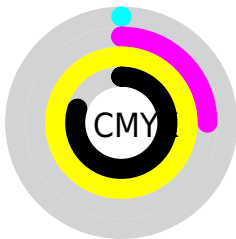
Blue (0%)



Red (7%)

Yellow (20%)

Blue (0%)



Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (80%)



Cyan (80%)


Magenta (85%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 38.4410, -18.9514, 11.8912 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 38.4410, -18.9514, 11.8912 by changing the saturation by 10% instead.

 38.4410, -18.9514,
11.8912


 38.4410, -18.9514,
11.8912


 251.8080,
-12.2303, 2.7994


 19.8240, -9.7732,
8.0474


 84.5660, -18.5200,
13.5356

 0.0000, 0.0000,
0.0000

 109.0500,
-19.2516, 14.8652


 134.5340,
-19.9833, 16.1947


 160.7190,
-20.5675, 16.9094


 187.9040,
-21.1517, 17.6242


 215.6760,


-22.0253, 17.8241


 240.9850,
-20.6986, 12.2912


 38.4410, -18.9514,
11.8912

 39.5980, -17.0568,
10.8766

 41.3420, -15.4516,
9.3471

 42.6130, -13.1202,
8.2324

 43.7700, -11.2256,
7.2177

 45.5140, -9.6204,
5.6882

■ 46.6710, -7.7258,
4.6735

■ 47.8280, -5.8312,
3.6588

■ 49.0990, -3.4998,
2.5442

■ 50.8430, -1.8946,
1.0147

Harmonies

Analogous

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



39.1740, -13.8898, 21.7724



38.4410, -18.9514, 11.8912



36.8630, -15.7085, -1.6339

Triad

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



38.4410, -18.9514, 11.8912



35.0330, 9.8437, -30.7239



42.0910, 8.8291, 14.8292

Complementary

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



38.4410, -18.9514, 11.8912



13.5590, 18.9514, -11.8912

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.



40.8760, 14.8511, -3.3993



38.4410, -18.9514, 11.8912



35.4550, 16.5377, -31.0940

Square

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



38.4410, -18.9514, 11.8912



33.0950, 2.4182, -29.0243



33.7910, 20.3160, -29.6347



40.5070, 1.2290, 25.8654

Rectangle

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



38.4410, -18.9514, 11.8912



35.1050, -9.4188, -12.3701



33.7910, 20.3160, -29.6347



41.9270, 10.8820, 9.7110

Sweetspot

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



38.4410, -18.9514, 11.8912



63.6710, -7.7258, 4.6735



17.0300, -1.9868, 30.6687



32.1700, -4.5208, 3.3589



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



38.4410, -18.9514, 11.8912



51.1550, -25.2194, 15.6501



42.1850, -20.7972, -2.7932



25.0710, -1.0210, 0.8147



65.9400, -32.5084, 20.2236



160.5640, -79.1581, 49.4944

Inverse Universe

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



13.5590, 18.9514, -11.8912



17.8450, 25.2194, -15.6501



9.8150, 20.7972, 2.7932



23.9290, 1.0210, -0.8147



23.0600, 32.5084, -20.2236



56.4360, 79.1581, -49.4944

Previews

White Background



This preview shows how the YUV color 38.4410, -18.9514, 11.8912 looks on a white background.

Color Contrast Check

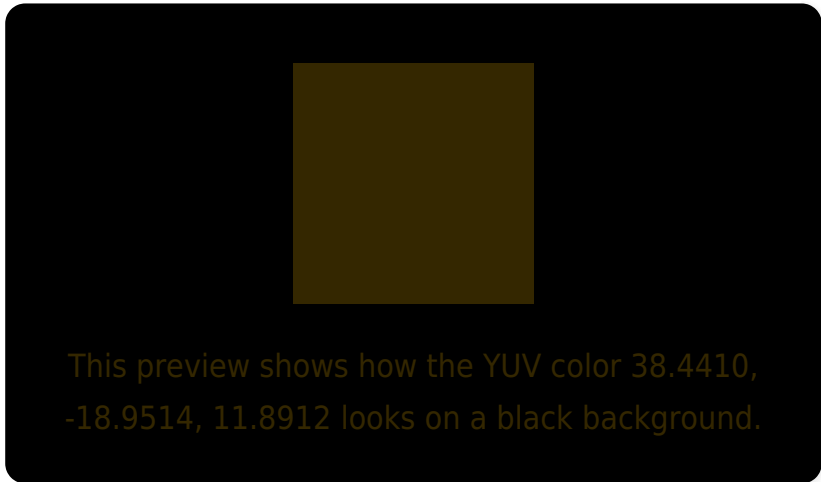
Large Text (above 18pt) WCAG AA ✓ Pass

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

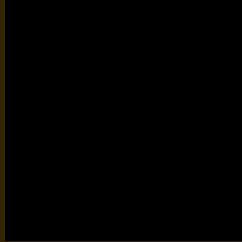
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.4410, -18.9514, 11.8912

Background



This preview shows how black text looks on a background with the YUV color 38.4410, -18.9514, 11.8912.

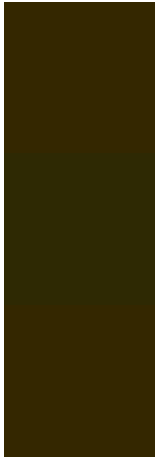


This preview shows how white text looks on a background with the YUV color 38.4410, -18.9514,

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

38.4410, -18.9514, 11.8912

Protanopia

38.1630, -17.3354, 6.8730

Deuteranopia

38.4410, -18.9514, 11.8912



Tritanopia

41.7240, -1.3429, 10.7661

Trichromacy



Original Color

38.4410, -18.9514, 11.8912

Protanomaly

38.0600, -17.7776, 8.7174

Deuteranomaly

38.4410, -18.9514, 11.8912

Tritanomaly

40.4160, -7.6001, 11.0362

Monochromacy



Original Color

38.4410, -18.9514, 11.8912

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.8990, -6.8522, 4.4736

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.4410, -18.9514, 11.8912 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(52, 39, 0)` looks like.

```
.text, #text, p{  
    color:rgb(52, 39, 0)  
}
```

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(52, 39, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 39, 0) }
```

Border

The CSS property to change the border of an element to YUV 38.4410, -18.9514, 11.8912 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(52, 39, 0) }
```


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

```
.border{ border-color:rgb(52, 39, 0) }
```

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

Here you see how a box with a 4 pixel rgb(52, 39, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 39, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(52, 39, 0); box-shadow:4px  
4px 4px 4px rgb(52, 39, 0) }
```

Background

The CSS property to change the background color of an element to YUV 38.4410, -18.9514, 11.8912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 39, 0) }
```

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

```
.background{ background-color: rgb(52, 39,  
0) }
```

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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