

Converting Colors

YUV(38.4430, -12.0504, -8.2815)

Have a look what the booklet for
YUV(38.4430, -12.0504, -8.2815)
contains.

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Color

**YUV(38.4430, -12.0504,
-8.2815)**

Conversions

Conversions Part 1

Format	Color
Hex	1D300E
RGB	29, 48, 14
RGB Percent	11%, 19%, 5%
CMY	0.8863, 0.8118, 0.9451
CMYK	0.40, 0.00, 0.71, 0.81
HSL	94°, 55%, 12%
HSV	94°, 71%, 19%
XYZ	1.6429, 2.4068, 0.7934
YIQ	38.4430, -0.4100, -14.6020

Conversions

Conversions Part 2

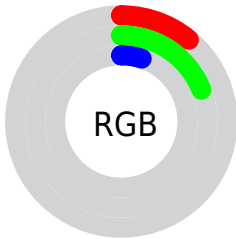
Format	Color
R_{YB}	14, 48, 33
Decimal	1912846
CIE _{Lab}	17.49, -15.08, 18.81
CIE _{LCh}	17, 24.110, 128.724
Yxy	2.4068, 0.3392, 0.4970
Android (android.graphics.Color)	4280102926 (0xFF1D300E)
YUV	38.4430, -12.0504, -8.2815
Hunter-Lab	15.5139, -8.2464, 7.8275

Details

The YUV color **38.4430, -12.0504, -8.2815** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **23.5570, 12.0504, 8.2815**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.8020, -13.2134, -8.5964**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **36.9760, -13.7922, -9.6260**, and if you desaturate by 10%, it is **39.9100, -10.3086, -6.9371**.

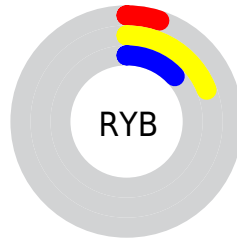
Distribution



Red (11%)

Green (19%)

Blue (5%)



Red (5%)

Yellow (19%)

Blue (13%)

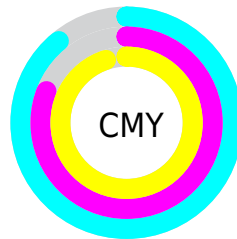


Cyan (40%)

Magenta (0%)

Yellow (71%)

Black (81%)



Cyan (89%)

Magenta (81%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.4430, -12.0504, -8.2815 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 38.4430, -12.0504, -8.2815 by changing the saturation by 10% instead.

■ 38.4430, -12.0504,
-8.2815

■ 38.4430, -12.0504,
-8.2815

■ 253.1760, -6.9888,
1.5996

■ 17.3330, -8.5452,
-12.5700

■ 83.8020, -13.2134,
-8.5964

■ 0.0000, 0.0000,
0.0000

■ 108.2750,
-13.9396, -9.0112


■ 134.1610,
-14.3764, -8.9112


■ 160.0470,
-14.8132, -8.8112


■ 187.5200,
-15.5394, -9.2260


■ 215.1070,


-15.8288, -9.7408


 243.1070,
-15.8288, -9.7408


 38.4430, -12.0504,
-8.2815


 38.4430, -12.0504,
-8.2815


 36.9760, -13.7922,
-9.6260


 39.9100, -10.3086,
-6.9371


 35.8080, -15.6813,
-10.3556

 41.0780, -8.4195,
-6.2074

 34.4550, -16.9863,
-11.8000

 42.4310, -7.1145,
-4.7630

 43.8980, -5.3727,
-3.4185

 45.0660, -3.4835,
-2.6889

■ 46.5330, -1.7418,
-1.3444

■ 48.0000, 0.0000,
0.0000

■ 49.0540, 1.4524,
0.8296

■ 50.5210, 3.1941,
2.1741

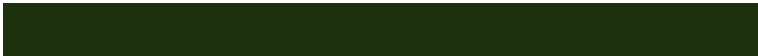
Harmonies

Analogous

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



40.5220, -18.4983, 6.5582



38.4430, -12.0504, -8.2815



32.7700, -1.3656, -28.7393

Triad

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



38.4430, -12.0504, -8.2815



36.7260, 18.8691, -32.2087



42.7200, -1.8340, 28.3096

Complementary

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



38.4430, -12.0504, -8.2815



23.5570, 12.0504, 8.2815

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.



43.7390, 6.0447, 21.2769



38.4430, -12.0504, -8.2815



39.4010, 18.5363, -18.7687

Square

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



38.4430, -12.0504, -8.2815



37.2330, 13.1961, -32.6533



44.0620, 12.7874, 5.2076



42.2330, -9.9749, 26.1057

Rectangle

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



38.4430, -12.0504, -8.2815



34.7250, 3.5866, -30.4538



44.0620, 12.7874, 5.2076



42.6920, 0.6448, 26.5801

Sweetspot

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



38.4430, -12.0504, -8.2815



57.4250, -4.6465, -3.0037



35.3190, -10.5103, 11.1212



28.5930, -2.7573, -2.2741



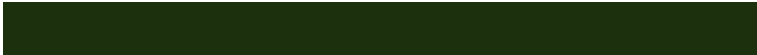
158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



38.4430, -12.0504, -8.2815



46.4010, -18.4387, -12.6297



34.1860, -8.9657, -17.7031



22.4730, -0.7262, -0.4148



62.4310, -30.7785, -21.4260



153.7240, -75.7859, -52.3779

Inverse Universe

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



23.5570, 12.0504, 8.2815



23.5990, 18.4387, 12.6297



27.8140, 8.9657, 17.7031



21.5270, 0.7262, 0.4148



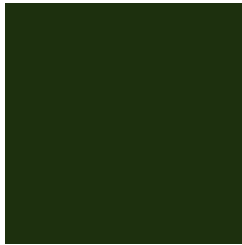
24.2700, 30.9259, 20.8112



60.2760, 75.7859, 52.3779

Previews

White Background



This preview shows how the YUV color 38.4430, -12.0504, -8.2815 looks on a white background.

Color Contrast Check

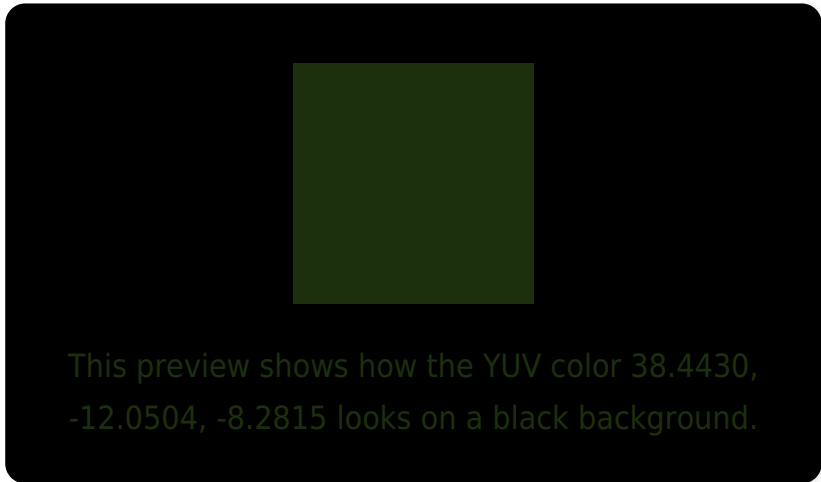
Large Text (above 18pt) WCAG AA ✓ Pass

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

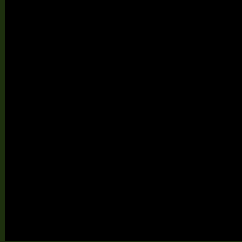
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

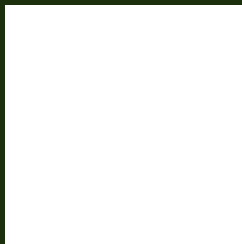
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 38.4430, -12.0504, -8.2815

Background



This preview shows how black text looks on a background with the YUV color 38.4430, -12.0504, -8.2815.



This preview shows how white text looks on a background with the YUV color 38.4430, -12.0504,

-8.2815.

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

38.4430, -12.0504, -8.2815

Protanopia

41.0750, -13.8410, 6.0732

Deuteranopia

42.1510, -12.3994, 10.3916



Tritanopia

42.0530, 2.9319, -7.0625

Trichromacy



Original Color

38.4430, -12.0504, -8.2815

Protanomaly

40.1560, -13.3879, 0.7402

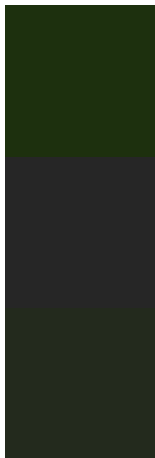
Deuteranomaly

41.1070, -12.3778, 3.4142

Tritanomaly

40.6740, -2.3043, -7.6071

Monochromacy



Original Color

38.4430, -12.0504, -8.2815

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.4250, -4.6465, -3.0037

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.4430, -12.0504, -8.2815 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(29, 48, 14)` looks like.

```
.text, #text, p{  
    color:rgb(29, 48, 14)  
}
```

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(29, 48, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 48, 14) }
```

Border

The CSS property to change the border of an element to YUV 38.4430, -12.0504, -8.2815 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(29, 48, 14) }
```


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

```
.border{ border-color:rgb(29, 48, 14) }
```

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

Here you see how a box with a 4 pixel rgb(29, 48, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 48, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 48, 14);  
box-shadow:4px 4px 4px 4px rgb(29, 48, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.4430, -12.0504, -8.2815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 48, 14) }
```

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

```
.background{ background-color: rgb(29, 48,  
14) }
```

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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