

# Converting Colors

YUV(41.2470, -14.9118,  
-23.8956)

Have a look what the booklet for  
YUV(41.2470, -14.9118, -23.8956)  
contains.

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# Color

**YUV(41.2470, -14.9118,  
-23.8956)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0E3D0B
RGB	14, 61, 11
RGB Percent	5%, 24%, 4%
CMY	0.9451, 0.7608, 0.9569
CMYK	0.77, 0.00, 0.82, 0.76
HSL	116°, 69%, 14%
HSV	116°, 82%, 24%
XYZ	1.9103, 3.4550, 0.8828
YIQ	41.2470, -11.9620, -25.5140

# Conversions

## Conversions Part 2

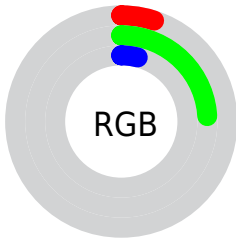
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 61, 58
Decimal	933131
CIELab	21.78, -26.91, 24.93
CIELCh	22, 36.679, 137.189
Yxy	3.4550, 0.3057, 0.5530
Android (android.graphics.Color)	4279123211 (0xFF0E3D0B)
YUV	41.2470, -14.9118, -23.8956
Hunter-Lab	18.5877, -14.1840, 10.1954

# Details

The YUV color **41.2470, -14.9118, -23.8956** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **30.7530, 14.9118, 23.8956**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.5030, -16.5170, -22.3661**, and **7.0440, -3.4727, -6.1776** is the 20% darker color. If you saturate the color by 10%, you get **38.7690, -16.6481, -26.9844**, and if you desaturate by 10%, it is **43.7250, -13.1754, -20.8068**.

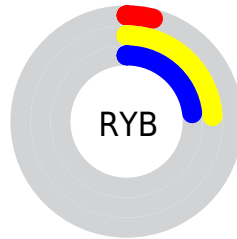
# Distribution



Red (5%)

Green (24%)

Blue (4%)



Red (4%)

Yellow (24%)

Blue (23%)

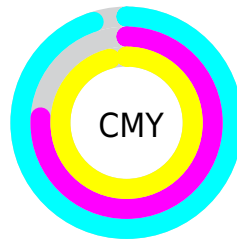


Cyan (77%)

Magenta (0%)

Yellow (82%)

Black (76%)



Cyan (95%)

Magenta (76%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 41.2470, -14.9118, -23.8956 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 41.2470, -14.9118, -23.8956 by changing the saturation by 10% instead.



■ 41.2470, -14.9118,  
-23.8956

■ 41.2470, -14.9118,  
-23.8956

■ 252.5780, -6.6940,  
0.3701

■ 22.8930, -11.2862,  
-20.0772

■ 89.5030, -16.5170,  
-22.3661

■ 7.0440, -3.4727,  
-6.1776

■ 114.8620,  
-17.6800, -22.6810

■ 0.0000, 0.0000,  
0.0000


■ 140.7480,  
-18.1168, -22.5810


■ 167.2210,  
-18.8430, -22.9958


■ 194.8080,  
-19.1323, -23.5106


■ 223.2810,


-19.8585, -23.9254


 240.6010,  
-15.0863, -14.5591


 41.2470, -14.9118,  
-23.8956


 41.2470, -14.9118,  
-23.8956


 38.7690, -16.6481,  
-26.9844


 43.7250, -13.1754,  
-20.8068

 37.0030, -18.2425,  
-28.9436

 45.9040, -11.2917,  
-18.3328

 48.3820, -9.5553,  
-15.2440

 50.8600, -7.8190,  
-12.1552

 53.4520, -5.6458,  
-9.1664

■ 55.6310, -3.7621,  
-6.6924

■ 58.1090, -2.0257,  
-3.6036

■ 60.5870, -0.2894,  
-0.5148

■ 63.0650, 1.4470,  
2.5740

# Harmonies

## Analogous

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



48.1210, -23.7237, 2.5249



41.2470, -14.9118, -23.8956



42.0140, -1.4859, -36.8463

# Triad

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



41.2470, -14.9118, -23.8956



46.6030, 28.7897, -40.8708



47.7330, -4.7984, 45.8382

# Complementary

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



41.2470, -14.9118, -23.8956



30.7530, 14.9118, 23.8956

# 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.



49.9030, 7.4428, 39.5501



41.2470, -14.9118, -23.8956



47.7840, 27.7145, -22.6126

# Square

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



41.2470, -14.9118, -23.8956



47.4690, 21.9538, -41.6303



53.3930, 17.5543, 16.3183



48.8340, -18.1592, 37.8566



# Rectangle

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



41.2470, -14.9118, -23.8956



44.1800, 6.8133, -38.7459



53.3930, 17.5543, 16.3183



48.1720, -0.5778, 45.4532

# Sweetspot

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



41.2470, -14.9118, -23.8956



71.0390, -5.9352, -9.6812



53.5390, -20.9717, 6.5433



36.0440, -3.4727, -6.1776



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000



# Same Dimension

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



41.2470, -14.9118, -23.8956



48.3950, -22.8727, -37.1804



42.8580, -4.8600, -27.9395



29.7610, -0.8682, -1.5444



56.9720, -28.0872, -44.7024



134.2010, -66.1611, -106.2933



# Inverse Universe

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



30.7530, 14.9118, 23.8956



32.3060, 23.0201, 36.5656



29.1420, 4.8600, 27.9395



28.9400, 1.0156, 0.9296



37.3270, 27.9398, 45.3172

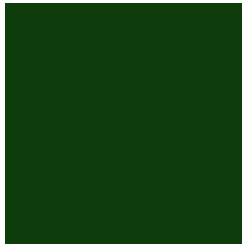


87.7990, 66.1611, 106.2933



# Previews

## White Background



This preview shows how the YUV color 41.2470, -14.9118, -23.8956 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

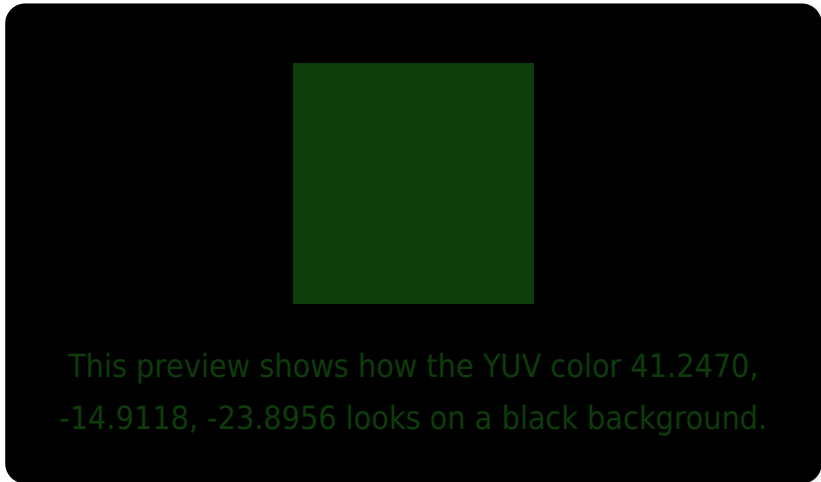
Any Text WCAG AA ✓ Pass

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

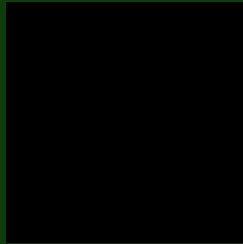
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 41.2470, -14.9118, -23.8956

## Background



This preview shows how black text looks on a background with the YUV color 41.2470, -14.9118, -23.8956.



This preview shows how white text looks on a background with the YUV color 41.2470, -14.9118,

-23.8956.

# 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

41.2470, -14.9118, -23.8956

### Protanopia

49.7780, -20.1036, 8.0877

### Deuteranopia

51.0220, -16.7728, 13.1357



## Tritanopia

48.7850, 6.0220, -18.2284

# Trichromacy



## Original Color

41.2470, -14.9118, -23.8956

## Protanomaly

46.8690, -18.1764, -3.3931

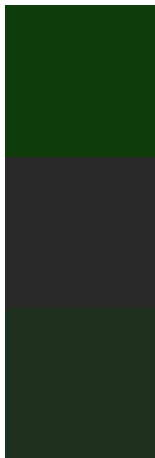
## Deuteranomaly

47.4610, -16.0033, -0.4043

## Tritanomaly

45.8250, -1.3927, -20.0175

# Monochromacy



## Original Color

41.2470, -14.9118, -23.8956

## Achromatopsia

41.0000, 0.0000, 0.0000

## Achromatomaly

40.8650, -5.3564, -8.6516

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 41.2470, -14.9118, -23.8956 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(14, 61, 11)` looks like.

```
.text, #text, p{  
    color:rgb(14, 61, 11)  
}
```

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(14, 61, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 61, 11) }
```

## Border

The CSS property to change the border of an element to YUV 41.2470, -14.9118, -23.8956 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(14, 61, 11) }
```



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

```
.border{ border-color:rgb(14, 61, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 61, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 61, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 61, 11);  
box-shadow:4px 4px 4px 4px rgb(14, 61, 11)  
}
```

# Background

The CSS property to change the background color of an element to YUV 41.2470, -14.9118, -23.8956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 61, 11) }
```

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

```
.background{ background-color: rgb(14, 61,  
11) }
```

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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