

Converting Colors

YUV(83.9810, -18.2316,
-32.4323)

Have a look what the booklet for
YUV(83.9810, -18.2316, -32.4323)
contains.

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Color

**YUV(83.9810, -18.2316,
-32.4323)**

Conversions

Conversions Part 1

Format	Color
Hex	2F6E2F
RGB	47, 110, 47
RGB Percent	18%, 43%, 18%
CMY	0.8157, 0.5686, 0.8157
CMYK	0.57, 0.00, 0.57, 0.57
HSL	120°, 40%, 31%
HSV	120°, 57%, 43%
XYZ	7.2613, 11.9614, 4.6154
YIQ	83.9810, -17.3250, -32.9490

Conversions

Conversions Part 2

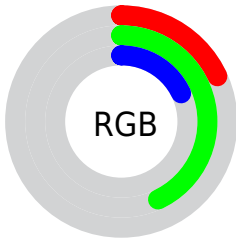
Format	Color
R_{YB}	47, 110, 110
Decimal	3108399
CIE _{Lab}	41.15, -34.20, 28.81
CIE _{LCh}	41, 44.714, 139.889
Yxy	11.9614, 0.3046, 0.5018
Android (android.graphics.Color)	4281298479 (0xFF2F6E2F)
YUV	83.9810, -18.2316, -32.4323
Hunter-Lab	34.5853, -23.0476, 16.2975

Details

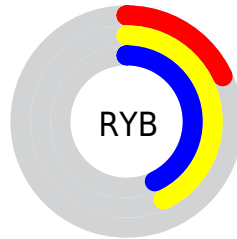
The YUV color **83.9810, -18.2316, -32.4323** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **73.0190, 18.2316, 32.4323**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.5250, -19.9788, -32.0324**, and **35.8070, -17.6529, -31.4027** is the 20% darker color. If you saturate the color by 10%, you get **79.4380, -21.4149, -38.0951**, and if you desaturate by 10%, it is **88.5240, -15.0483, -26.7695**.

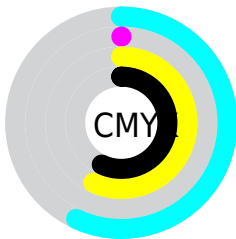
Distribution



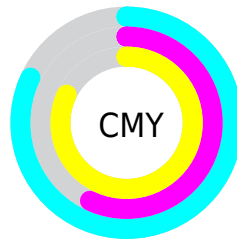
- Red (18%)
- Green (43%)
- Blue (18%)



- Red (18%)
- Yellow (43%)
- Blue (43%)



- Cyan (57%)
- Magenta (0%)
- Yellow (57%)
- Black (57%)



- Cyan (82%)
- Magenta (57%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.9810, -18.2316, -32.4323 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 83.9810, -18.2316, -32.4323 by changing the saturation by 10% instead.

■ 83.9810, -18.2316,
-32.4323

■ 83.9810, -18.2316,
-32.4323

255.0000, 0.0000,
0.0000

■ 58.0130, -16.7684,
-35.0914

■ 135.5250,
-19.9788, -32.0324

■ 35.8070, -17.6529,
-31.4027

■ 162.8840,
-21.1418, -32.3473

■ 23.4800, -11.5756,
-20.5920

■ 190.3570,
-21.8680, -32.7621

■ 4.6960, -2.3151,
-4.1184

■ 217.9440,
-22.1574, -33.2769

■ 0.0000, 0.0000,
0.0000

■ 235.0900,
-16.8064, -22.8809

■ 246.6540, -8.7034,

-8.4666

■ 83.9810, -18.2316,
-32.4323

■ 83.9810, -18.2316,
-32.4323

■ 79.4380, -21.4149,
-38.0951

■ 88.5240, -15.0483,
-26.7695

■ 74.8950, -24.5982,
-43.7579

■ 93.0670, -11.8650,
-21.1068

■ 70.3520, -27.7815,
-49.4207

■ 97.6100, -8.6817,
-15.4440

■ 65.8090, -30.9648,
-55.0835

■ 102.1530, -5.4984,
-9.7812

■ 64.5700, -31.8330,
-56.6279

■ 106.6960, -2.3151,
-4.1184

■ 111.2390, 0.8682,
1.5444

■ 115.7820, 4.0515,
7.2072

■ 120.3250, 7.2348,
12.8700

■ 124.8680, 10.4181,
18.5328

Harmonies

Analogous

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



90.2490, -34.6328, 1.5356



83.9810, -18.2316, -32.4323



76.3800, 3.2637, -66.9853

Triad

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



83.9810, -18.2316, -32.4323



80.9010, 43.4328, -70.9502



94.7410, -10.2253, 59.8631

Complementary

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



83.9810, -18.2316, -32.4323



73.0190, 18.2316, 32.4323

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.



97.1650, 6.8207, 52.4753



83.9810, -18.2316, -32.4323



95.0540, 34.9764, -18.4644

Square

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



83.9810, -18.2316, -32.4323



83.1860, 34.4183, -72.9541



100.3000, 22.0371, 25.1699



94.5490, -25.9067, 49.5075

Rectangle

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



83.9810, -18.2316, -32.4323



79.9310, 14.3310, -70.0995



100.3000, 22.0371, 25.1699



94.9350, -4.4050, 59.6930

Sweetspot

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



83.9810, -18.2316, -32.4323



133.0880, -6.9454, -12.3552



102.8180, -27.5183, 6.2986



65.2180, -4.0515, -7.2072



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



83.9810, -18.2316, -32.4323



102.1130, -28.6497, -50.9651



87.6290, -4.2541, -35.6316



53.5220, -1.7363, -3.0888



70.4400, -34.7269, -61.7759



144.9890, -71.4796, -127.1554

Inverse Universe

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



73.0190, 18.2316, 32.4323



84.8870, 28.6497, 50.9651



69.4850, 4.6909, 35.5317



52.4780, 1.7363, 3.0888



49.5600, 34.7269, 61.7759



102.0110, 71.4796, 127.1554

Previews

White Background



This preview shows how the YUV color 83.9810, -18.2316, -32.4323 looks on a white background.

Color Contrast Check

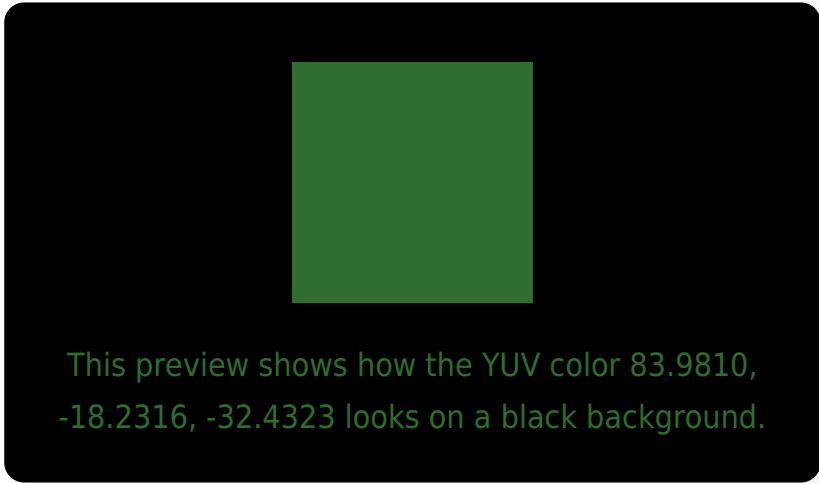
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 83.9810, -18.2316, -32.4323

Background



This preview shows how black text looks on a background with the YUV color 83.9810, -18.2316, -32.4323.



This preview shows how white text looks on a background with the YUV color 83.9810, -18.2316,

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

83.9810, -18.2316, -32.4323

Protanopia

93.8340, -25.0612, 11.5466

Deuteranopia

95.2140, -21.3045, 19.9833



Tritanopia

91.7670, 9.9749, -26.1057

Trichromacy



Original Color

83.9810, -18.2316, -32.4323

Protanomaly

90.3050, -22.8284, -4.6525

Deuteranomaly

91.3210, -20.3713, 0.5955

Tritanomaly

89.2970, -0.6394, -28.3245

Monochromacy



Original Color

83.9810, -18.2316, -32.4323

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9140, -6.3666, -11.3256

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.9810, -18.2316, -32.4323 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(47, 110, 47)` looks like.

```
.text, #text, p{  
    color:rgb(47, 110, 47)  
}
```

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(47, 110, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 110, 47) }
```

Border

The CSS property to change the border of an element to YUV 83.9810, -18.2316, -32.4323 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(47, 110, 47) }
```


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

```
.border{ border-color:rgb(47, 110, 47) }
```

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

Here you see how a box with a 4 pixel rgb(47, 110, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 110, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 110, 47);  
box-shadow:4px 4px 4px 4px rgb(47, 110,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 83.9810, -18.2316, -32.4323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 110, 47) }
```

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

```
.background{ background-color: rgb(47, 110,  
47) }
```

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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