

Converting Colors

YUV(83.8010, -15.1849,
-29.6435)

Have a look what the booklet for
YUV(83.8010, -15.1849, -29.6435)
contains.

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Color

**YUV(83.8010, -15.1849,
-29.6435)**

Conversions

Conversions Part 1

Format	Color
Hex	326B35
RGB	50, 107, 53
RGB Percent	20%, 42%, 21%
CMY	0.8039, 0.5804, 0.7922
CMYK	0.53, 0.00, 0.50, 0.58
HSL	123°, 36%, 31%
HSV	123°, 53%, 42%
XYZ	7.2157, 11.4505, 5.1980
YIQ	83.8010, -16.6380, -28.8780

Conversions

Conversions Part 2

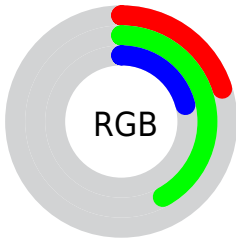
Format	Color
RYB	50, 104, 107
Decimal	3304245
CIELab	40.33, -31.08, 24.57
CIELCh	40, 39.620, 141.680
Yxy	11.4505, 0.3024, 0.4798
Android (android.graphics.Color)	4281494325 (0xFF326B35)
YUV	83.8010, -15.1849, -29.6435
Hunter-Lab	33.8386, -21.1546, 14.5794




Details

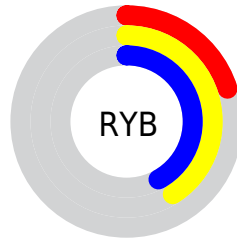
The YUV color **83.8010, -15.1849, -29.6435** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **73.1990, 15.1849, 29.6435**, and the grayscale version is **84.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **135.0460, -16.7847, -29.8583**, and **35.5450, -13.5797, -31.1730** is the 20% darker color. If you saturate the color by 10%, you get **79.3720, -17.9314, -35.4062**, and if you desaturate by 10%, it is **88.2300, -12.4384, -23.8807**.

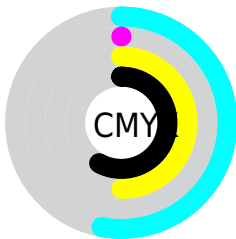
Distribution







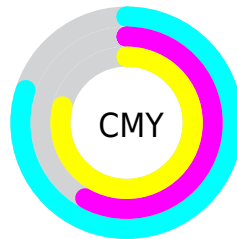
-  Red (20%)
-  Green (42%)
-  Blue (21%)






-  Red (20%)
-  Yellow (41%)
-  Blue (42%)



-  Cyan (53%)
-  Magenta (0%)
-  Yellow (50%)
-  Black (58%)



-  Cyan (80%)
-  Magenta (58%)
-  Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.8010, -15.1849, -29.6435 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 83.8010, -15.1849, -29.6435 by changing the saturation by 10% instead.

■ 83.8010, -15.1849,
-29.6435

■ 83.8010, -15.1849,
-29.6435

255.0000, 0.0000,
0.0000

■ 58.5450, -13.5797,
-31.1730

■ 135.0460,
-16.7847, -29.8583

■ 35.5450, -13.5797,
-31.1730

■ 161.5190,
-17.5109, -30.2732

■ 21.7190, -10.7075,
-19.0476

■ 188.9920,
-18.2371, -30.6880

■ 1.1740, -0.5788,
-1.0296

■ 217.4650,
-18.9632, -31.1028

■ 0.0000, 0.0000,
0.0000

■ 236.0730,
-14.3330, -22.8660

■ 247.9360, -6.3774,

-7.8369

■ 83.8010, -15.1849,
-29.6435

■ 83.8010, -15.1849,
-29.6435

■ 79.3720, -17.9314,
-35.4062

■ 88.2300, -12.4384,
-23.8807

■ 75.2420, -20.8253,
-40.5542

■ 92.3600, -9.5445,
-18.7327

■ 70.8130, -23.5718,
-46.3170

■ 96.7890, -6.7980,
-12.9700

■ 66.2700, -26.7551,
-51.9798

■ 101.3320, -3.6147,
-7.3072

■ 63.4930, -28.3440,
-55.6834

■ 105.7610, -0.8682,
-1.5444

■ 109.8910, 2.0257,
3.6036

■ 114.3200, 4.7722,
9.3664

■ 118.7490, 7.5187,
15.1291

■ 122.8790, 10.4127,
20.2771

Harmonies

Analogous

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



89.0300, -29.1018, 0.8507



83.8010, -15.1849, -29.6435



74.2600, 5.2948, -65.1260

Triad

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



83.8010, -15.1849, -29.6435



77.4130, 40.2224, -67.8912



93.6970, -10.2036, 52.8857

Complementary

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



83.8010, -15.1849, -29.6435



73.1990, 15.1849, 29.6435

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.



95.8500, 4.5110, 46.6126



83.8010, -15.1849, -29.6435



94.7190, 29.7185, -12.0316

Square

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



83.8010, -15.1849, -29.6435



79.9260, 32.0815, -70.0951



98.3770, 18.5481, 24.2254



93.6730, -23.9958, 43.2598

Rectangle

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



83.8010, -15.1849, -29.6435



77.3550, 14.6150, -67.8403



98.3770, 18.5481, 24.2254



94.6630, -5.2569, 52.9155

Sweetspot

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



83.8010, -15.1849, -29.6435



131.0280, -5.9298, -11.4256



99.6050, -24.4553, 3.8544



65.7450, -3.3253, -6.7924



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.



83.8010, -15.1849, -29.6435



103.4000, -23.8612, -46.8318



86.9930, -2.9545, -32.4429



51.5220, -1.7363, -3.0888



69.3630, -31.2380, -60.8314



145.2970, -65.2224, -127.4255

Inverse Universe

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



73.1990, 15.1849, 29.6435



86.7140, 24.2980, 46.7318



70.0070, 2.9545, 32.4429



50.3640, 1.2995, 3.1888



47.6370, 31.2380, 60.8314



99.7030, 65.2224, 127.4255

Previews

White Background



This preview shows how the YUV color 83.8010, -15.1849, -29.6435 looks on a white background.

Color Contrast Check

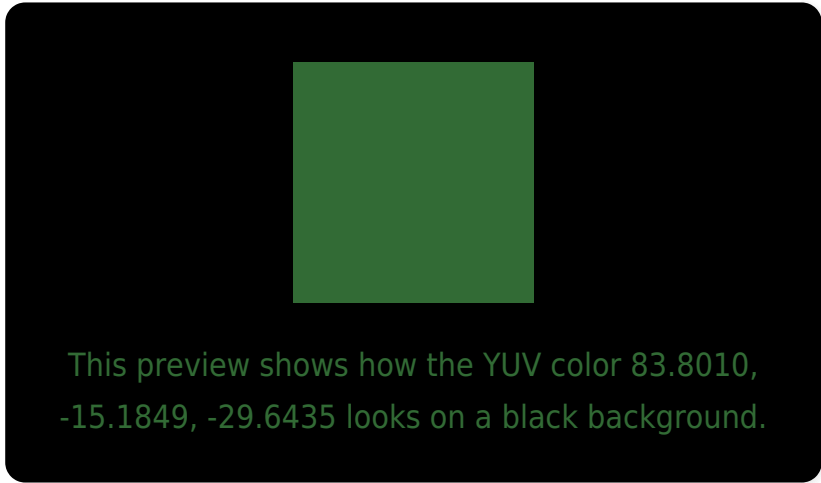
Large Text (above 18pt) WCAG AA ✓ Pass

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 83.8010, -15.1849, -29.6435

Background



This preview shows how black text looks on a background with the YUV color 83.8010, -15.1849, -29.6435.



This preview shows how white text looks on a background with the YUV color 83.8010, -15.1849,

-29.6435.

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

83.8010, -15.1849, -29.6435

Protanopia

92.4470, -21.4194, 10.1320

Deuteranopia

93.7130, -18.0995, 18.6687



Tritanopia

90.5500, 9.0959, -24.1613

Trichromacy



Original Color

83.8010, -15.1849, -29.6435

Protanomaly

88.9290, -19.1920, -4.3227

Deuteranomaly

89.9450, -16.7349, 0.9252

Tritanomaly

87.9490, 0.5181, -26.2653

Monochromacy



Original Color

83.8010, -15.1849, -29.6435

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.8540, -5.3510, -10.3960

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.8010, -15.1849, -29.6435 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(50, 107, 53)` looks like.

```
.text, #text, p{  
    color:rgb(50, 107, 53)  
}
```

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(50, 107, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 107, 53) }
```

Border

The CSS property to change the border of an element to YUV 83.8010, -15.1849, -29.6435 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(50, 107, 53) }
```


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

```
.border{ border-color:rgb(50, 107, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 107, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 107, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 107, 53);  
box-shadow:4px 4px 4px 4px rgb(50, 107,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 83.8010, -15.1849, -29.6435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 107, 53) }
```

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

```
.background{ background-color: rgb(50, 107,  
53) }
```

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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