

Converting Colors

YUV(82.8450, -18.6576,
-35.8211)

Have a look what the booklet for
YUV(82.8450, -18.6576, -35.8211)
contains.

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Color

**YUV(82.8450, -18.6576,
-35.8211)**

Conversions

Conversions Part 1

Format	Color
Hex	2A6F2D
RGB	42, 111, 45
RGB Percent	16%, 44%, 18%
CMY	0.8353, 0.5647, 0.8235
CMYK	0.62, 0.00, 0.59, 0.56
HSL	123°, 45%, 30%
HSV	123°, 62%, 44%
XYZ	7.1129, 12.0506, 4.4337
YIQ	82.8450, -19.9380, -35.1540

Conversions

Conversions Part 2

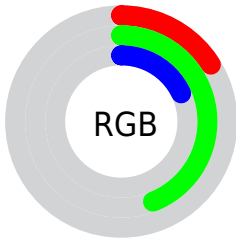
Format	Color
R_{YB}	42, 108, 111
Decimal	2780973
CIE _{Lab}	41.30, -36.26, 29.98
CIE _{LCh}	41, 47.051, 140.418
Yxy	12.0506, 0.3014, 0.5107
Android (android.graphics.Color)	4280971053 (0xFF2A6F2D)
YUV	82.8450, -18.6576, -35.8211
Hunter-Lab	34.7139, -24.1745, 16.7271

Details

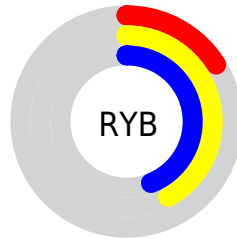
The YUV color **82.8450, -18.6576, -35.8211** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **70.1550, 18.6576, 35.8211**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.6880, -20.5522, -34.8064**, and **36.3940, -17.9422, -31.9175** is the 20% darker color. If you saturate the color by 10%, you get **78.3020, -21.8409, -41.4839**, and if you desaturate by 10%, it is **87.3880, -15.4743, -30.1583**.

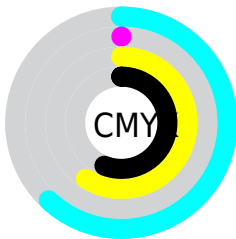
Distribution



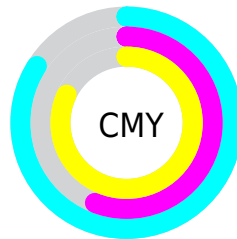
- Red (16%)
- Green (44%)
- Blue (18%)



- Red (16%)
- Yellow (42%)
- Blue (44%)



- Cyan (62%)
- Magenta (0%)
- Yellow (59%)
- Black (56%)



- Cyan (84%)
- Magenta (56%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.8450, -18.6576, -35.8211 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 82.8450, -18.6576, -35.8211 by changing the saturation by 10% instead.

■ 82.8450, -18.6576,
-35.8211

■ 82.8450, -18.6576,
-35.8211

255.0000, 0.0000,
0.0000

■ 55.3820, -16.4573,
-41.5540

■ 134.6880,
-20.5522, -34.8064

■ 36.3940, -17.9422,
-31.9175

■ 162.0470,
-21.7152, -35.1212

■ 23.4800, -11.5756,
-20.5920

■ 189.5200,
-22.4414, -35.5360

■ 5.2830, -2.6045,
-4.6332

■ 217.9930,
-23.1675, -35.9509

■ 0.0000, 0.0000,
0.0000

■ 233.6660,
-17.0903, -25.1401

■ 245.5290, -9.1348,

-10.1109

■ 82.8450, -18.6576,
-35.8211

■ 82.8450, -18.6576,
-35.8211

■ 78.3020, -21.8409,
-41.4839

■ 87.3880, -15.4743,
-30.1583

■ 73.8730, -24.5874,
-47.2466

■ 91.8170, -12.7278,
-24.3955

■ 69.3300, -27.7707,
-52.9094

■ 96.3600, -9.5445,
-18.7327

■ 65.7270, -29.9384,
-57.6426

■ 100.7890, -6.7980,
-12.9700

■ 105.6310, -3.7621,
-6.6924

■ 110.1740, -0.5788,
-1.0296

■ 114.6030, 2.1677,
4.7332

■ 119.1460, 5.3510,
10.3960

■ 123.6890, 8.5343,
16.0587

Harmonies

Analogous

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



89.1520, -37.5429, 1.6207



82.8450, -18.6576, -35.8211



76.9670, 2.9743, -67.5001

Triad

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



82.8450, -18.6576, -35.8211



81.4710, 45.6168, -71.4501



94.6490, -10.6730, 63.4518

Complementary

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



82.8450, -18.6576, -35.8211



70.1550, 18.6576, 35.8211

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.



96.6000, 7.0992, 56.4788



82.8450, -18.6576, -35.8211



95.2110, 36.8710, -19.4790

Square

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



82.8450, -18.6576, -35.8211



84.1150, 35.4393, -73.7689



100.2510, 23.0473, 27.8439



94.4030, -27.8067, 52.2666

Rectangle

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



82.8450, -18.6576, -35.8211



80.6320, 14.4784, -70.7143



100.2510, 23.0473, 27.8439



94.3700, -4.1264, 63.6965

Sweetspot

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



82.8450, -18.6576, -35.8211



133.9630, -7.3768, -13.9996



102.5360, -29.8442, 5.6689



67.0930, -4.4828, -8.8516



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



82.8450, -18.6576, -35.8211



100.5530, -29.3596, -56.6130



86.7210, -3.8065, -39.2203



53.6360, -1.2995, -3.1888



71.0100, -32.5429, -62.2758



146.2430, -66.6748, -128.2551

Inverse Universe

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



70.1550, 18.6576, 35.8211



80.5610, 29.7964, 56.5130



66.2790, 3.8065, 39.2203



52.4780, 1.7363, 3.0888



48.9900, 32.5429, 62.2758



100.8710, 67.1116, 128.1551

Previews

White Background



This preview shows how the YUV color 82.8450, -18.6576, -35.8211 looks on a white background.

Color Contrast Check

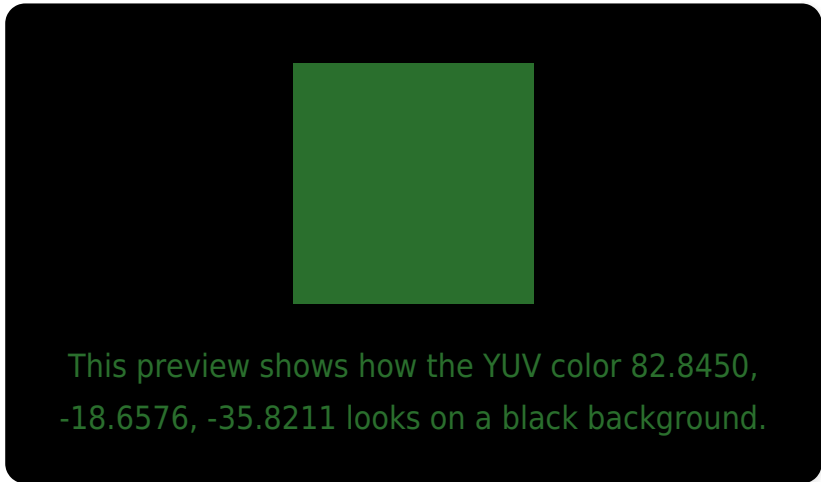
Large Text (above 18pt) WCAG AA ✓ Pass

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

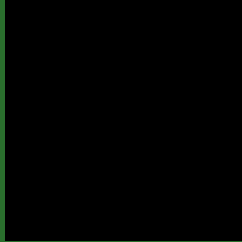
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.8450, -18.6576, -35.8211

Background



This preview shows how black text looks on a background with the YUV color 82.8450, -18.6576, -35.8211.



This preview shows how white text looks on a background with the YUV color 82.8450, -18.6576,

-35.8211.

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

82.8450, -18.6576, -35.8211

Protanopia

93.9050, -26.0822, 12.3613

Deuteranopia

95.2850, -22.3255, 20.7981



Tritanopia

91.5710, 10.5645, -28.5648

Trichromacy



Original Color

82.8450, -18.6576, -35.8211

Protanomaly

89.7780, -23.5546, -5.0673

Deuteranomaly

90.7940, -21.0974, 0.1807

Tritanomaly

88.6880, -0.3392, -31.2984

Monochromacy



Original Color

82.8450, -18.6576, -35.8211

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.7890, -6.7980, -12.9700

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.8450, -18.6576, -35.8211 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(42, 111, 45)` looks like.

```
.text, #text, p{  
    color:rgb(42, 111, 45)  
}
```

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(42, 111, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 111, 45) }
```

Border

The CSS property to change the border of an element to YUV 82.8450, -18.6576, -35.8211 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(42, 111, 45) }
```


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

```
.border{ border-color:rgb(42, 111, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 111, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 111, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 111, 45);  
box-shadow:4px 4px 4px 4px rgb(42, 111,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 82.8450, -18.6576, -35.8211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 111, 45) }
```

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

```
.background{ background-color: rgb(42, 111,  
45) }
```

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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