

Converting Colors

YUV(82.3660, -15.4634,
-33.6470)

Have a look what the booklet for
YUV(82.3660, -15.4634, -33.6470)
contains.

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Color

**YUV(82.3660, -15.4634,
-33.6470)**

Conversions

Conversions Part 1

Format	Color
Hex	2C6C33
RGB	44, 108, 51
RGB Percent	17%, 42%, 20%
CMY	0.8275, 0.5765, 0.8000
CMYK	0.59, 0.00, 0.53, 0.58
HSL	127°, 42%, 30%
HSV	127°, 59%, 42%
XYZ	6.9988, 11.4996, 4.9827
YIQ	82.3660, -19.8470, -31.2950

Conversions

Conversions Part 2

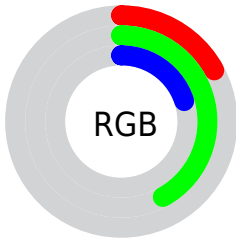
Format	Color
R_{YB}	44, 102, 108
Decimal	2911283
CIE Lab	40.41, -33.57, 25.72
CIE LCh	40, 42.293, 142.544
Yxy	11.4996, 0.2981, 0.4897
Android (android.graphics.Color)	4281101363 (0xFF2C6C33)
YUV	82.3660, -15.4634, -33.6470
Hunter-Lab	33.9111, -22.5043, 15.0260

Details

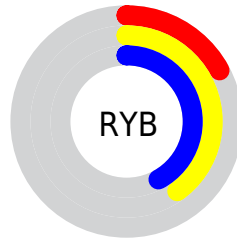
The YUV color $82.3660, -15.4634, -33.6470$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $69.6340, 15.4634, 33.6470$, and the grayscale version is $83.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $133.9100, -17.2106, -33.2471$, and $35.2030, -14.8901, -30.8730$ is the 20% darker color. If you saturate the color by 10%, you get $77.9370, -18.2099, -39.4097$, and if you desaturate by 10%, it is $86.7950, -12.7169, -27.8842$.

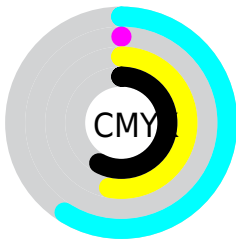
Distribution



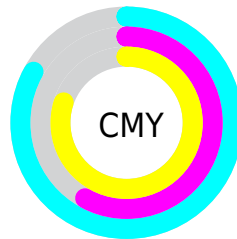
- Red (17%)
- Green (42%)
- Blue (20%)



- Red (17%)
- Yellow (40%)
- Blue (42%)



- Cyan (59%)
- Magenta (0%)
- Yellow (53%)
- Black (58%)



- Cyan (83%)
- Magenta (58%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.3660, -15.4634, -33.6470 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 82.3660, -15.4634, -33.6470 by changing the saturation by 10% instead.

■ 82.3660, -15.4634,
-33.6470

■ 82.3660, -15.4634,
-33.6470

255.0000, 0.0000,
0.0000

■ 56.0990, -13.8528,
-36.9208

■ 133.9100,
-17.2106, -33.2471

■ 35.2030, -14.8901,
-30.8730

■ 160.6820,
-18.0842, -33.0471

■ 22.3060, -10.9969,
-19.5624

■ 187.8560,
-18.6630, -34.0767

■ 1.7610, -0.8682,
-1.5444

■ 216.3290,
-19.3892, -34.4915

■ 0.0000, 0.0000,
0.0000

■ 234.3500,
-14.4695, -25.7399

■ 246.2130, -6.5140,

-10.7108

■ 82.3660, -15.4634,
-33.6470

■ 82.3660, -15.4634,
-33.6470

■ 77.9370, -18.2099,
-39.4097

■ 86.7950, -12.7169,
-27.8842

■ 73.6220, -20.5196,
-45.2725

■ 91.1100, -10.4072,
-22.0215

■ 69.4920, -23.4136,
-50.4205

■ 95.2400, -7.5133,
-16.8735

■ 65.1770, -25.7233,
-56.2832

■ 99.5550, -5.2036,
-11.0107

■ 64.7640, -26.0127,
-56.7980

■ 103.9840, -2.4571,
-5.2480

■ 108.4130, 0.2894,
0.5148

■ 112.7280, 2.5991,
6.3775

■ 116.8580, 5.4930,
11.5255

■ 121.2870, 8.2395,
17.2883

Harmonies

Analogous

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



88.4490, -31.2804, -0.3938



82.3660, -15.4634, -33.6470



74.8470, 5.0054, -65.6408

Triad

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



82.3660, -15.4634, -33.6470



78.5700, 42.1170, -68.9059



93.4910, -11.0881, 56.5744

Complementary

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



82.3660, -15.4634, -33.6470



69.6340, 15.4634, 33.6470

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.



95.2850, 4.7895, 50.6161



82.3660, -15.4634, -33.6470



94.8760, 31.6131, -13.0463

Square

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



82.3660, -15.4634, -33.6470



81.0830, 33.9761, -71.1098



98.3280, 19.5583, 26.8993



93.2280, -25.7484, 45.4040

Rectangle

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



82.3660, -15.4634, -33.6470



78.1700, 15.1992, -68.5551



98.3280, 19.5583, 26.8993



93.5710, -5.7045, 56.5042

Sweetspot

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



82.3660, -15.4634, -33.6470



130.0170, -5.9244, -13.1699



98.9100, -27.0706, 2.7099



64.9190, -3.9041, -7.8220



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.



82.3660, -15.4634, -33.6470



100.3670, -23.8449, -52.0649



85.9000, -1.9227, -36.7463



51.6360, -1.2995, -3.1888



70.1610, -28.1804, -61.5312



146.8930, -59.1072, -128.8252

Inverse Universe

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



69.6340, 15.4634, 33.6470



80.6330, 23.8449, 52.0649



66.1000, 1.9227, 36.7463



50.3640, 1.2995, 3.1888



46.8390, 28.1804, 61.5312



98.1070, 59.1072, 128.8252

Previews

White Background



This preview shows how the YUV color 82.3660, -15.4634, -33.6470 looks on a white background.

Color Contrast Check

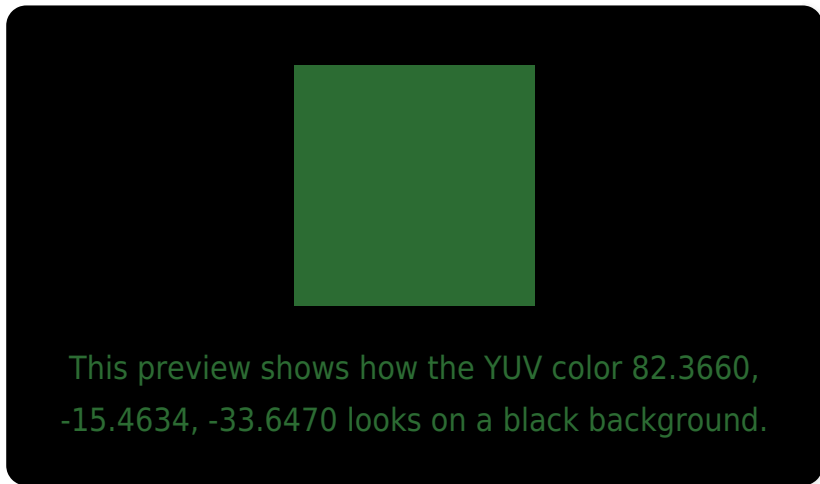
Large Text (above 18pt) WCAG AA ✓ Pass

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

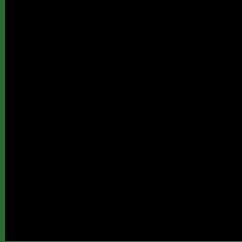
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.3660, -15.4634, -33.6470

Background



This preview shows how black text looks on a background with the YUV color 82.3660, -15.4634, -33.6470.



This preview shows how white text looks on a background with the YUV color 82.3660, -15.4634,

-33.6470.

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

82.3660, -15.4634, -33.6470

Protanopia

92.5180, -22.4404, 10.9467

Deuteranopia

93.5990, -18.5363, 18.7687



Tritanopia

90.0550, 9.8329, -27.2352

Trichromacy



Original Color

82.3660, -15.4634, -33.6470

Protanomaly

88.9890, -20.2076, -5.2524

Deuteranomaly

89.7060, -17.6031, -0.6192

Tritanomaly

87.3400, 0.8184, -29.2392

Monochromacy



Original Color

82.3660, -15.4634, -33.6470

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.8430, -5.3456, -12.1403

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.3660, -15.4634, -33.6470 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(44, 108, 51)` looks like.

```
.text, #text, p{  
    color:rgb(44, 108, 51)  
}
```

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(44, 108, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 108, 51) }
```

Border

The CSS property to change the border of an element to YUV 82.3660, -15.4634, -33.6470 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(44, 108, 51) }
```


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

```
.border{ border-color:rgb(44, 108, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 108, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 108, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 108, 51);  
box-shadow:4px 4px 4px 4px rgb(44, 108,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 82.3660, -15.4634, -33.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 108, 51) }
```

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

```
.background{ background-color: rgb(44, 108,  
51) }
```

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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