

Converting Colors

YUV(82.8070, -0.8909, -41.0497)

Have a look what the booklet for
YUV(82.8070, -0.8909, -41.0497)
contains.

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Color

**YUV(82.8070, -0.8909,
-41.0497)**

Conversions

Conversions Part 1

Format	Color
Hex	246B51
RGB	36, 107, 81
RGB Percent	14%, 42%, 32%
CMY	0.8588, 0.5804, 0.6824
CMYK	0.66, 0.00, 0.24, 0.58
HSL	158°, 50%, 28%
HSV	158°, 66%, 42%
XYZ	7.4705, 11.4845, 9.6076
YIQ	82.8070, -33.9700, -23.1380

Conversions

Conversions Part 2

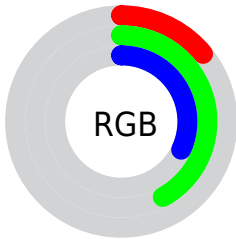
Format	Color
R_{YB}	36, 79, 107
Decimal	2386769
CIE Lab	40.38, -28.86, 8.18
CIE LCh	40, 29.997, 164.183
Yxy	11.4845, 0.2615, 0.4021
Android (android.graphics.Color)	4280576849 (0xFF246B51)
YUV	82.8070, -0.8909, -41.0497
Hunter-Lab	33.8888, -19.9570, 6.9133

Details

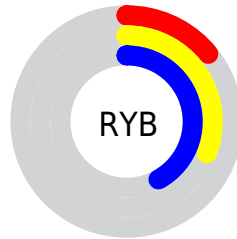
The YUV color **82.8070, -0.8909, -41.0497** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **60.1930, 0.8909, 41.0497**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.7640, -2.3487, -40.1350**, and **38.7370, -1.3493, -33.9723** is the 20% darker color. If you saturate the color by 10%, you get **79.0620, -1.0166, -47.4124**, and if you desaturate by 10%, it is **86.5520, -0.7651, -34.6871**.

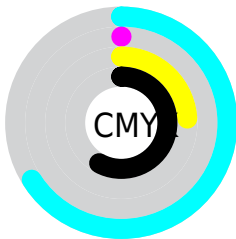
Distribution



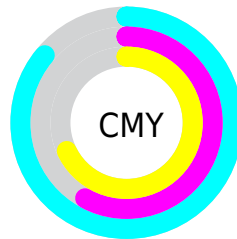
- Red (14%)
- Green (42%)
- Blue (32%)



- Red (14%)
- Yellow (31%)
- Blue (42%)



- Cyan (66%)
- Magenta (0%)
- Yellow (24%)
- Black (58%)



- Cyan (86%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.8070, -0.8909, -41.0497 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 82.8070, -0.8909, -41.0497 by changing the saturation by 10% instead.

82.8070, -0.8909,
-41.0497

82.8070, -0.8909,
-41.0497

255.0000, 0.0000,
0.0000

54.7460, 1.6042,
-48.0122

134.7640, -2.3487,
-40.1350

38.7370, -1.3493,
-33.9723

161.6500, -2.7854,
-40.0350

23.5430, -3.7187,
-20.6472

189.2370, -3.0748,
-40.5498

1.7610, -0.8682,
-1.5444

217.5250, -3.2168,
-41.6794

0.0000, 0.0000,
0.0000

236.1330, 1.4134,
-33.4426

246.6280, 4.1274,

-17.2138

■ 82.8070, -0.8909,
-41.0497

■ 82.8070, -0.8909,
-41.0497

■ 79.0620, -1.0166,
-47.4124

■ 86.5520, -0.7651,
-34.6871

■ 75.6160, -1.2897,
-53.1602

■ 89.9980, -0.4920,
-28.9392

■ 71.8710, -1.4154,
-59.5229

■ 93.7430, -0.3663,
-22.5766

■ 70.5610, -1.2626,
-61.8820

■ 97.4880, -0.2406,
-16.2140

■ 101.2330, -0.1149,
-9.8513

■ 104.6790, 0.1583,
-4.1035

■ 108.3100, -0.1528,
2.3591

■ 112.0550, -0.0271,
8.7218

■ 115.5010, 0.2460,
14.4696

Harmonies

Analogous

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



89.3020, -14.9389, -15.1739



82.8070, -0.8909, -41.0497



75.4800, 15.0464, -66.1960

Triad

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



82.8070, -0.8909, -41.0497



94.5030, 23.9090, -15.3501



95.5780, -16.5540, 36.3271

Complementary

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



82.8070, -0.8909, -41.0497



60.1930, 0.8909, 41.0497

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.



96.0590, -5.9451, 40.2903



82.8070, -0.8909, -41.0497



97.7300, 16.4021, 12.5148

Square

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



82.8070, -0.8909, -41.0497



81.1560, 29.9961, -54.5108



97.6910, 5.5753, 31.8430



93.8940, -22.6257, 23.7720

Rectangle

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



82.8070, -0.8909, -41.0497



76.7170, 22.3245, -67.2808



97.6910, 5.5753, 31.8430



95.5120, -13.0704, 39.0160

Sweetspot

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



82.8070, -0.8909, -41.0497



130.4880, -0.2406, -16.2140



85.4510, -24.3793, -20.5665



65.2330, -0.1149, -9.8513



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.



82.8070, -0.8909, -41.0497



101.8380, -1.3991, -64.7559



80.4880, 13.0704, -39.0160



51.9780, 0.0108, -3.4887



77.1150, -1.5357, -67.6299



161.4850, -3.1971, -141.6223

Inverse Universe

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



60.1930, 0.8909, 41.0497



66.1620, 1.3991, 64.7559



62.5120, -13.0704, 39.0160



50.0220, -0.0108, 3.4887



39.8850, 1.5357, 67.6299



83.5150, 3.1971, 141.6223

Previews

White Background



This preview shows how the YUV color 82.8070, -0.8909, -41.0497 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



This preview shows how the YUV color 82.8070, -0.8909, -41.0497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

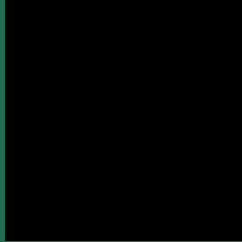
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.8070, -0.8909, -41.0497

Background



This preview shows how black text looks on a background with the YUV color 82.8070, -0.8909, -41.0497.



This preview shows how white text looks on a background with the YUV color 82.8070, -0.8909,

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

82.8070, -0.8909, -41.0497

Protanopia

94.5140, -9.6204, 5.6882

Deuteranopia

95.2850, -5.5635, 11.1511



Tritanopia

87.4670, 11.6018, -34.6126

Trichromacy



Original Color

82.8070, -0.8909, -41.0497

Protanomaly

89.9140, -6.3666, -11.3256

Deuteranomaly

90.9190, -3.9041, -7.8220

Tritanomaly

85.6040, 7.0972, -36.4867

Monochromacy



Original Color

82.8070, -0.8909, -41.0497

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.0860, -0.5354, -14.9844

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.8070, -0.8909, -41.0497 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(36, 107, 81)` looks like.

```
.text, #text, p{  
    color:rgb(36, 107, 81)  
}
```

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(36, 107, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 107, 81) }
```

Border

The CSS property to change the border of an element to YUV 82.8070, -0.8909, -41.0497 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(36, 107, 81) }
```


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

```
.border{ border-color:rgb(36, 107, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 107, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 107, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 107, 81);  
box-shadow:4px 4px 4px 4px rgb(36, 107,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 82.8070, -0.8909, -41.0497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 107, 81) }
```

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

```
.background{ background-color: rgb(36, 107,  
81) }
```

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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