

Converting Colors

YUV(82.1810, 32.4488, -1.0357)

Have a look what the booklet for
YUV(82.1810, 32.4488, -1.0357)
contains.

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Color

**YUV(82.1810, 32.4488,
-1.0357)**

Conversions

Conversions Part 1

Format	Color
Hex	514694
RGB	81, 70, 148
RGB Percent	32%, 27%, 58%
CMY	0.6824, 0.7255, 0.4196
CMYK	0.45, 0.53, 0.00, 0.42
HSL	248°, 36%, 43%
HSV	248°, 53%, 58%
XYZ	10.9288, 8.2678, 29.0368
YIQ	82.1810, -18.4820, 26.5900

Conversions

Conversions Part 2

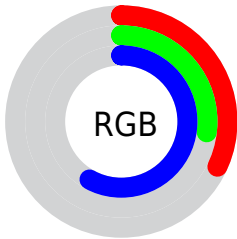
Format	Color
R _Y B	81, 70, 148
Decimal	5326484
CIE Lab	34.53, 25.31, -41.61
CIE LCh	35, 48.702, 301.318
Yxy	8.2678, 0.2266, 0.1714
Android (android.graphics.Color)	4283516564 (0xFF514694)
YUV	82.1810, 32.4488, -1.0357
Hunter-Lab	28.7537, 17.5257, -39.7461

Details

The YUV color **82.1810, 32.4488, -1.0357** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **135.8190, -32.4488, 1.0357**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.0610, 34.4799, 0.8235**, and **34.0940, 31.0127, -7.0984** is the 20% darker color. If you saturate the color by 10%, you get **69.4890, 38.7059, -1.3059**, and if you desaturate by 10%, it is **94.8730, 26.1916, -0.7656**.

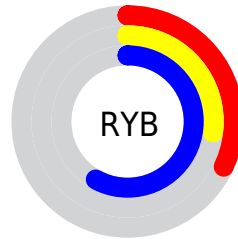
Distribution



Red (32%)

Green (27%)

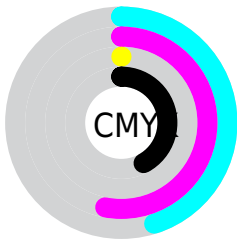
Blue (58%)



Red (32%)

Yellow (27%)

Blue (58%)

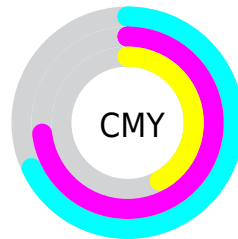


Cyan (45%)

Magenta (53%)

Yellow (0%)

Black (42%)



Cyan (68%)

Magenta (73%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.1810, 32.4488, -1.0357 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 82.1810, 32.4488, -1.0357 by changing the saturation by 10% instead.

■ 82.1810, 32.4488,
-1.0357

■ 82.1810, 32.4488,
-1.0357

■ 255.0000, 0.0000,
0.0000

■ 57.9420, 31.5806,
-2.5801

■ 133.0610, 34.4799,
0.8235

■ 34.0940, 31.0127,
-7.0984

■ 159.3000, 35.3481,
2.3679

■ 10.5560, 30.2919,
-9.2576

■ 186.2570, 33.8903,
3.2826

■ 7.3470, 20.5349,
-6.4433

■ 210.4780, 21.9493,
6.5968

■ 3.6650, 11.5042,
-3.2142

■ 235.5850, 9.5716,
10.0110

■ 0.0000, 0.0000,
0.0000

82.1810, 32.4488,
-1.0357

82.1810, 32.4488,
-1.0357

69.4890, 38.7059,
-1.3059

94.8730, 26.1916,
-0.7656

57.0960, 44.8157,
-0.9612

107.2660, 20.0819,
-1.1103

44.9910, 50.7834,
-1.7461

119.3710, 14.1141,
-0.3254

32.2990, 57.0406,
-2.0162

132.0630, 7.8569,
-0.0553

23.1510, 61.5506,
-1.8864


144.7550, 1.5998,
0.2149

157.1480, -4.5100,
-0.1298

169.8400,
-10.7671, 0.1403

181.9450,

-16.7349, 0.9252

 194.3380,
-22.8446, 0.5806

Harmonies

Analogous

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



68.0210, 44.8526, -59.6544



82.1810, 32.4488, -1.0357



81.1880, 18.6413, 41.0541

Triad

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



82.1810, 32.4488, -1.0357



76.8120, -34.9103, 44.0149



66.8740, 7.4571, -58.6485

Complementary

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



82.1810, 32.4488, -1.0357



135.8190, -32.4488, 1.0357

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.



61.1400, -9.4360, -53.6198



82.1810, 32.4488, -1.0357



75.9630, -37.4498, 18.4494

Square

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



82.1810, 32.4488, -1.0357



75.5580, -16.0511, 61.7776



70.1720, -34.5948, -10.6748



71.3200, 24.4922, -62.5476

Rectangle

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



82.1810, 32.4488, -1.0357



77.2520, 8.2568, 58.5380



70.1720, -34.5948, -10.6748



65.2780, 1.3419, -57.2488

Sweetspot

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



82.1810, 32.4488, -1.0357



165.6160, 12.5143, -0.5402



118.8080, 14.3917, -42.8046



81.0630, 7.8569, -0.0553



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



82.1810, 32.4488, -1.0357



89.7630, 49.9098, -1.5462



93.5430, 26.8473, 22.3258



68.0970, 2.9102, -0.0851



21.4130, 57.4774, -2.1162



1.4390, 4.2206, -0.3850

Inverse Universe

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



100.9600, 17.7677, 41.2541



118.6220, 27.3014, 63.4755



124.4570, -26.8473, -22.3258



69.7770, 1.5889, 3.7036



54.7140, 31.2000, 73.0418



4.0160, 2.4571, 5.2480

Previews

White Background



This preview shows how the YUV color 82.1810, 32.4488, -1.0357 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 ✓ Pass

Black Background



This preview shows how the YUV color 82.1810, 32.4488, -1.0357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 82.1810, 32.4488, -1.0357

Background



This preview shows how black text looks on a background with the YUV color 82.1810, 32.4488, -1.0357.



This preview shows how white text looks on a background with the YUV color 82.1810, 32.4488, -1.0357.

-1.0357.

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

82.1810, 32.4488, -1.0357

Protanopia

74.7360, 40.5562, -34.8485

Deuteranopia

70.9320, 36.5155, -45.5444



Tritanopia

79.4160, 5.7109, -11.7658

Trichromacy



Original Color

82.1810, 32.4488, -1.0357

Protanomaly

77.7160, 37.6080, -22.5529

Deuteranomaly

74.9880, 35.0089, -28.9305

Tritanomaly

80.3700, 15.5936, -8.2175

Monochromacy



Original Color

82.1810, 32.4488, -1.0357

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.3880, 11.6407, -0.3403

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.1810, 32.4488, -1.0357 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(81, 70, 148)` looks like.

```
.text, #text, p{  
    color:rgb(81, 70, 148)  
}
```

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(81, 70, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 70, 148) }
```

Border

The CSS property to change the border of an element to YUV 82.1810, 32.4488, -1.0357 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(81, 70, 148) }
```


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

```
.border{ border-color:rgb(81, 70, 148) }
```

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

Here you see how a box with a 4 pixel rgb(81, 70, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 70, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 70, 148);  
box-shadow:4px 4px 4px 4px rgb(81, 70,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 82.1810, 32.4488, -1.0357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 70, 148) }
```

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

```
.background{ background-color: rgb(81, 70,  
148) }
```

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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