

Converting Colors

YUV(82.8720, 58.2371, 34.3153)

Have a look what the booklet for
YUV(82.8720, 58.2371, 34.3153)
contains.

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Color

**YUV(82.8720, 58.2371,
34.3153)**

Conversions

Conversions Part 1

Format	Color
Hex	7A28C9
RGB	122, 40, 201
RGB Percent	48%, 16%, 79%
CMY	0.5216, 0.8431, 0.2118
CMYK	0.39, 0.80, 0.00, 0.21
HSL	271°, 67%, 47%
HSV	271°, 80%, 79%
XYZ	19.3274, 9.8722, 56.1452
YIQ	82.8720, -2.8090, 67.4550

Conversions

Conversions Part 2

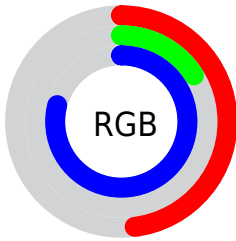
Format	Color
R_{YB}	122, 40, 201
Decimal	8005833
CIE _{Lab}	37.61, 62.94, -67.94
CIE _{LCh}	38, 92.615, 312.809
Yxy	9.8722, 0.2265, 0.1157
Android (android.graphics.Color)	4286195913 (0xFF7A28C9)
YUV	82.8720, 58.2371, 34.3153
Hunter-Lab	31.4201, 54.8157, -83.9525

Details

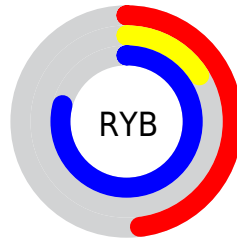
The YUV color **82.8720, 58.2371, 34.3153** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **158.1280, -58.2371, -34.3153**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.5410, 56.9213, 36.3595**, and **35.1820, 54.6333, 23.5194** is the 20% darker color. If you saturate the color by 10%, you get **68.1420, 65.4990, 38.4635**, and if you desaturate by 10%, it is **97.6020, 50.9752, 30.1670**.

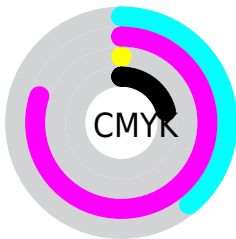
Distribution



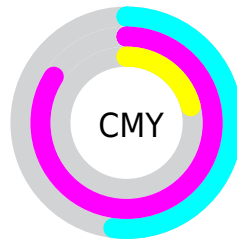
- Red (48%)
- Green (16%)
- Blue (79%)



- Red (48%)
- Yellow (16%)
- Blue (79%)



- Cyan (39%)
- Magenta (80%)
- Yellow (0%)
- Black (21%)



- Cyan (52%)
- Magenta (84%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.8720, 58.2371, 34.3153 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 82.8720, 58.2371, 34.3153 by changing the saturation by 10% instead.

82.8720, 58.2371,
34.3153

82.8720, 58.2371,
34.3153

255.0000, 0.0000,
0.0000

47.5290, 61.8572,
39.8781

139.5410, 56.9213,
36.3595

35.1820, 54.6333,
23.5194

164.0610, 44.8329,
40.2885

21.3400, 48.1464,
4.0868

188.8800, 32.5972,
44.8322

10.6020, 40.6222,
-9.2980

209.8010, 22.2831,
39.6395

7.8660, 30.1391,
-6.8985

226.8240, 13.8908,
24.7104

6.8910, 18.7877,
-6.0434

243.8470, 5.4984,

3.3230, 10.1938,

9.7812

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 82.8720, 58.2371,
34.3153

■ 82.8720, 58.2371,
34.3153

■ 68.1420, 65.4990,
38.4635

■ 97.6020, 50.9752,
30.1670

■ 53.4120, 72.7609,
42.6117

■ 112.3320, 43.7133,
26.0188

■ 127.0620, 36.4514,
21.8706

■ 141.4930, 29.3370,
17.1076

■ 156.8100, 21.7857,
12.4446

■ 171.5400, 14.5238,
8.2964

■ 186.2700, 7.2619,
4.1482

■ 201.0000, 0.0000,
0.0000

■ 215.7300, -7.2619,
-4.1482

Harmonies

Analogous

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



80.0760, 78.3495, -70.2267



82.8720, 58.2371, 34.3153



73.0970, 30.5182, 105.1549

Triad

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



82.8720, 58.2371, 34.3153



82.6730, -40.7578, 52.9068



81.1850, 19.1358, -71.1992

Complementary

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



82.8720, 58.2371, 34.3153



158.1280, -58.2371, -34.3153

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.



70.7770, -15.6661, -62.0714



82.8720, 58.2371, 34.3153



79.9730, -39.4267, -0.8533

Square

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



82.8720, 58.2371, 34.3153



56.5110, -27.8599, 116.1929



63.3960, -31.2542, -55.5983



89.8660, 49.8591, -78.8125

Rectangle

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



82.8720, 58.2371, 34.3153



72.1810, 6.3198, 119.9903



63.3960, -31.2542, -55.5983



78.2210, 7.7790, -68.5998

Sweetspot

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



82.8720, 58.2371, 34.3153



210.2230, 22.0751, 12.9594



105.9010, 46.8838, -57.7952



100.6000, 13.5082, 7.3668



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



82.8720, 58.2371, 34.3153



75.3050, 88.5896, 52.3525



106.4930, 46.5920, 82.8826



92.5210, 3.1941, 2.1741



43.3990, 58.9633, 34.7301



9.4860, 13.0714, 7.4668

Inverse Universe

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



97.1450, 10.7745, 91.0808



96.9350, 16.3010, 138.6230



134.5070, -46.5920, -82.8826



93.1470, 0.4205, 5.1331



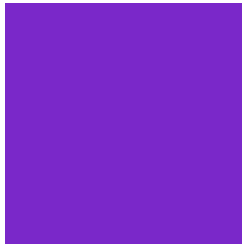
57.8570, 10.9165, 92.2104



12.8160, 2.5557, 20.3324

Previews

White Background



This preview shows how the YUV color 82.8720, 58.2371, 34.3153 looks on a white background.

Color Contrast Check

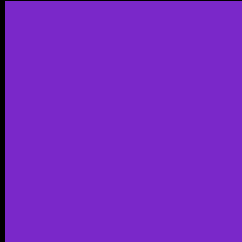
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.8720, 58.2371, 34.3153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

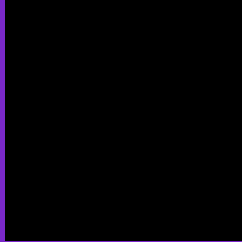
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.8720, 58.2371, 34.3153

Background



This preview shows how black text looks on a background with the YUV color 82.8720, 58.2371, 34.3153.



This preview shows how white text looks on a background with the YUV color 82.8720, 58.2371,

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

82.8720, 58.2371, 34.3153

Protanopia

71.1160, 54.1728, -62.3687

Deuteranopia

71.2010, 41.8059, -62.4433



Tritanopia

89.9840, 0.9939, 7.9070

Trichromacy



Original Color

82.8720, 58.2371, 34.3153

Protanomaly

75.0910, 55.6641, -27.2668

Deuteranomaly

75.0280, 47.8072, -27.2116

Tritanomaly

87.5440, 21.9168, 17.0629

Monochromacy



Original Color

82.8720, 58.2371, 34.3153

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.6960, 21.3489, 12.5446

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.8720, 58.2371, 34.3153 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(122, 40, 201)` looks like.

```
.text, #text, p{  
    color:rgb(122, 40, 201)  
}
```

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(122, 40, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 40, 201) }
```

Border

The CSS property to change the border of an element to YUV 82.8720, 58.2371, 34.3153 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(122, 40, 201) }
```


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

```
.border{ border-color:rgb(122, 40, 201) }
```

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

Here you see how a box with a 4 pixel rgb(122, 40, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 40, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 40, 201);  
box-shadow:4px 4px 4px 4px rgb(122, 40,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 82.8720, 58.2371, 34.3153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 40, 201) }
```

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

```
.background{ background-color: rgb(122, 40,  
201) }
```

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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