

Converting Colors

YUV(85.3000, 28.9391, 51.4799)

Have a look what the booklet for
YUV(85.3000, 28.9391, 51.4799)
contains.

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Color

**YUV(85.3000, 28.9391,
51.4799)**

Conversions

Conversions Part 1

Format	Color
Hex	902C90
RGB	144, 44, 144
RGB Percent	56%, 17%, 56%
CMY	0.4353, 0.8275, 0.4353
CMYK	0.00, 0.69, 0.00, 0.44
HSL	300°, 53%, 37%
HSV	300°, 69%, 56%
XYZ	17.4363, 9.7443, 27.3474
YIQ	85.3000, 27.5000, 52.3000

Conversions

Conversions Part 2

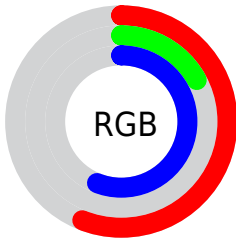
Format	Color
RYB	144, 44, 144
Decimal	9448592
CIELab	37.38, 54.02, -34.15
CIElCh	37, 63.910, 327.697
Yxy	9.7443, 0.3198, 0.1787
Android (android.graphics.Color)	4287638672 (0xFF902C90)
YUV	85.3000, 28.9391, 51.4799
Hunter-Lab	31.2158, 45.0777, -30.0914

Details

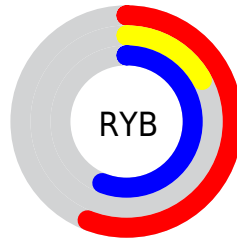
The YUV color **85.3000, 28.9391, 51.4799** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **102.7000, -28.9391, -51.4799**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.4850, 28.3549, 52.1947**, and **37.5120, 27.3556, 46.0320** is the 20% darker color. If you saturate the color by 10%, you get **77.0820, 32.9906, 58.6871**, and if you desaturate by 10%, it is **93.5180, 24.8876, 44.2727**.

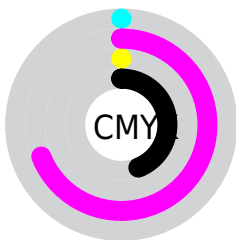
Distribution



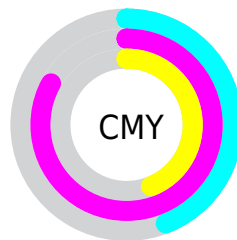
- Red (56%)
- Green (17%)
- Blue (56%)



- Red (56%)
- Yellow (17%)
- Blue (56%)



- Cyan (0%)
- Magenta (69%)
- Yellow (0%)
- Black (44%)



- Cyan (44%)
- Magenta (83%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.3000, 28.9391, 51.4799 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 85.3000, 28.9391, 51.4799 by changing the saturation by 10% instead.

85.3000, 28.9391,
51.4799

85.3000, 28.9391,
51.4799

255.0000, 0.0000,
0.0000

53.1310, 31.9804,
56.0131

140.4850, 28.3549,
52.1947

37.5120, 27.3556,
46.0320

168.4960, 28.3495,
53.9390

27.0020, 20.7050,
32.4472

195.1260, 29.5179,
52.5095

17.2040, 14.1964,
19.9921

211.5620, 21.4149,
38.0951

3.3230, 10.1938,
-2.9143

228.5850, 13.0226,
23.1660

0.0000, 0.0000,
0.0000

245.6080, 4.6303,

8.2368

■ 85.3000, 28.9391,
51.4799

■ 85.3000, 28.9391,
51.4799

■ 77.0820, 32.9906,
58.6871

■ 93.5180, 24.8876,
44.2727

■ 68.2770, 37.3314,
66.4091

■ 102.3230, 20.5468,
36.5507

■ 60.0590, 41.3829,
73.6163

■ 110.5410, 16.4953,
29.3435

■ 59.4720, 41.6723,
74.1311

■ 119.3460, 12.1544,
21.6216

■ 127.5640, 8.1029,
14.4144

■ 135.7820, 4.0515,
7.2072

■ 144.5870, -0.2894,
-0.5148

■ 152.8050, -4.3409,
-7.7220

■ 161.6100, -8.6817,
-15.4440

Harmonies

Analogous

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



85.8770, 46.8956, -14.8011



85.3000, 28.9391, 51.4799



63.6170, 14.9788, 95.9289

Triad

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



85.3000, 28.9391, 51.4799



83.0840, -40.9604, 24.4823



79.9600, 27.1347, -70.1249

Complementary

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



85.3000, 28.9391, 51.4799



102.7000, -28.9391, -51.4799

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.



73.3310, 4.2738, -64.3113



85.3000, 28.9391, 51.4799



76.0530, -37.4941, -14.0785

Square

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



85.3000, 28.9391, 51.4799



80.3580, -39.6165, 60.1990



65.1860, -19.3187, -57.1681



82.2860, 46.2010, -72.1648

Rectangle

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



85.3000, 28.9391, 51.4799



65.6220, -2.7716, 95.9245



65.1860, -19.3187, -57.1681



78.0220, 19.7092, -68.4253

Sweetspot

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



85.3000, 28.9391, 51.4799



163.1070, 11.2862, 20.0772



55.4000, 43.6798, -9.9978



80.4990, 6.6560, 11.8404



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



85.3000, 28.9391, 51.4799



95.6020, 44.5662, 79.2790



79.6000, 7.0992, 56.4788



66.8910, 2.0257, 3.6036



55.7550, 39.0678, 69.4979



3.3040, 2.3151, 4.1184

Inverse Universe

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



85.3000, 28.9391, 51.4799



95.6020, 44.5662, 79.2790



108.4000, -7.0992, -56.4788



66.8910, 2.0257, 3.6036



55.7550, 39.0678, 69.4979



3.3040, 2.3151, 4.1184

Previews

White Background



This preview shows how the YUV color 85.3000, 28.9391, 51.4799 looks on a white background.

Color Contrast Check

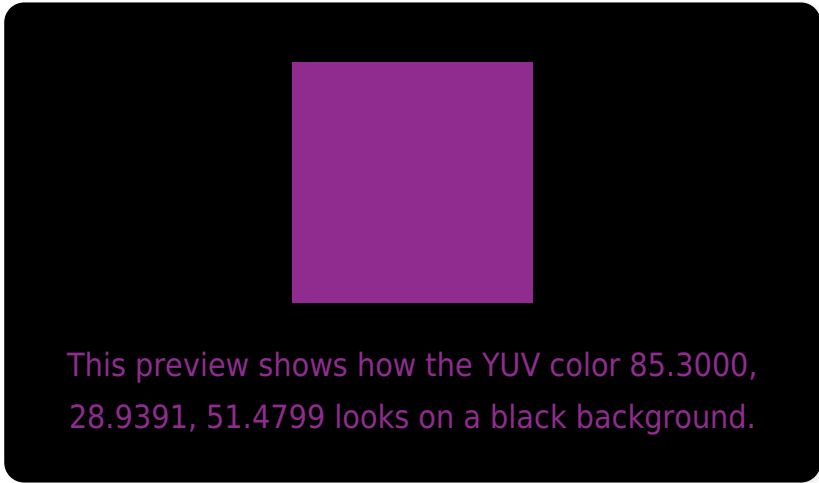
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

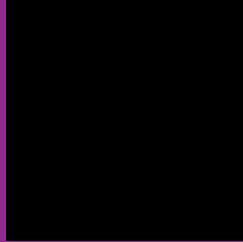
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.3000, 28.9391, 51.4799

Background



This preview shows how black text looks on a background with the YUV color 85.3000, 28.9391, 51.4799.



This preview shows how white text looks on a background with the YUV color 85.3000, 28.9391,

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

85.3000, 28.9391, 51.4799

Protanopia

71.2300, 54.6096, -62.4687

Deuteranopia

87.2960, 24.5041, -19.5536



Tritanopia

88.7880, -8.2765, 41.4049

Trichromacy



Original Color

85.3000, 28.9391, 51.4799

Protanomaly

76.3770, 45.1701, -21.3786

Deuteranomaly

86.9170, 26.1699, 6.2118

Tritanomaly

87.3660, 5.2426, 45.2830

Monochromacy



Original Color

85.3000, 28.9391, 51.4799

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.8680, 10.4181, 18.5328

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.3000, 28.9391, 51.4799 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(144, 44, 144)` looks like.

```
.text, #text, p{  
    color:rgb(144, 44, 144)  
}
```

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(144, 44, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 44, 144) }
```

Border

The CSS property to change the border of an element to YUV 85.3000, 28.9391, 51.4799 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(144, 44, 144) }
```


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

```
.border{ border-color:rgb(144, 44, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 44, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 44, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 44, 144);  
box-shadow:4px 4px 4px 4px rgb(144, 44,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 85.3000, 28.9391, 51.4799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 44, 144) }
```

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

```
.background{ background-color: rgb(144, 44,  
144) }
```

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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