

Converting Colors

YUV(99.4340, 28.8730, 25.9294)

Have a look what the booklet for
YUV(99.4340, 28.8730, 25.9294)
contains.

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Color

**YUV(99.4340, 28.8730,
25.9294)**

Conversions

Conversions Part 1

Format	Color
Hex	81499E
RGB	129, 73, 158
RGB Percent	51%, 29%, 62%
CMY	0.4941, 0.7137, 0.3804
CMYK	0.18, 0.54, 0.00, 0.38
HSL	280°, 37%, 45%
HSV	280°, 54%, 62%
XYZ	17.6074, 11.9008, 33.7168
YIQ	99.4340, 6.0910, 38.3070

Conversions

Conversions Part 2

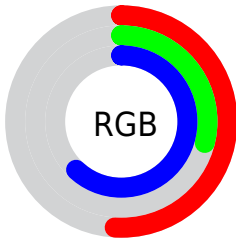
Format	Color
R_{YB}	129, 73, 158
Decimal	8472990
CIE Lab	41.06, 39.09, -36.93
CIE LCh	41, 53.777, 316.625
Yxy	11.9008, 0.2785, 0.1882
Android (android.graphics.Color)	4286663070 (0xFF81499E)
YUV	99.4340, 28.8730, 25.9294
Hunter-Lab	34.4976, 30.7345, -33.7998

Details

The YUV color **99.4340, 28.8730, 25.9294** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **131.5660, -28.8730, -25.9294**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.0860, 30.0306, 27.9886**, and **49.1950, 28.0049, 24.3850** is the 20% darker color. If you saturate the color by 10%, you get **88.5470, 34.2403, 31.0923**, and if you desaturate by 10%, it is **110.3210, 23.5057, 20.7665**.

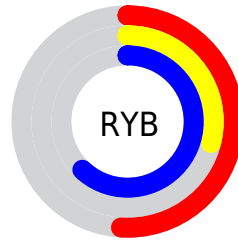
Distribution



Red (51%)

Green (29%)

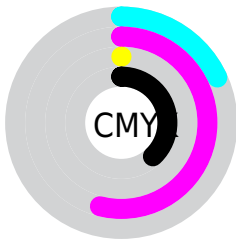
Blue (62%)



Red (51%)

Yellow (29%)

Blue (62%)

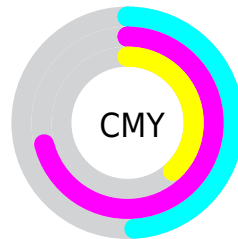


Cyan (18%)

Magenta (54%)

Yellow (0%)

Black (38%)



Cyan (49%)

Magenta (71%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.4340, 28.8730, 25.9294 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 99.4340, 28.8730, 25.9294 by changing the saturation by 10% instead.

■ 99.4340, 28.8730,
25.9294

■ 99.4340, 28.8730,
25.9294

■ 255.0000, 0.0000,
0.0000

■ 74.6080, 28.2943,
24.8998

■ 152.0860, 30.0306,
27.9886

■ 49.1950, 28.0049,
24.3850

■ 179.0260, 31.0462,
28.9182

■ 24.7820, 27.7155,
23.8702

■ 205.0280, 24.6362,
31.5474

■ 15.8810, 20.7647,
13.2594

■ 225.6500, 14.4696,
25.7400

■ 5.1640, 14.7091,
-4.5288

■ 242.6730, 6.0772,
10.8108

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,

0.0000

■ 99.4340, 28.8730,
25.9294

■ 99.4340, 28.8730,
25.9294

■ 88.5470, 34.2403,
31.0923

■ 110.3210, 23.5057,
20.7665

■ 77.3610, 39.7550,
35.6404

■ 121.5070, 17.9910,
16.2184

■ 67.0610, 44.8329,
40.2885

■ 131.8070, 12.9131,
11.5703

■ 55.8750, 50.3476,
44.8366

■ 142.9930, 7.3985,
7.0221

■ 49.1080, 53.6838,
48.1403

■ 153.8800, 2.0312,
1.8592

■ 164.7670, -3.3361,
-3.3037

■ 175.9530, -8.8508,
-7.8518

■ 186.2530,
-13.9287, -12.4999

■ 197.4390,
-19.4434, -17.0480

Harmonies

Analogous

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



89.9790, 45.3664, -37.6926



99.4340, 28.8730, 25.9294



93.8980, 11.8823, 62.3565

Triad

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



99.4340, 28.8730, 25.9294



91.4230, -45.0715, 36.4630



82.4730, 18.9938, -72.3288

Complementary

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



99.4340, 28.8730, 25.9294



131.5660, -28.8730, -25.9294

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.



76.6420, -0.8095, -67.2150



99.4340, 28.8730, 25.9294



87.9800, -43.3741, 5.2795

Square

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



99.4340, 28.8730, 25.9294



92.1160, -29.1442, 61.2883



79.9390, -24.6199, -36.7805



85.7450, 36.6077, -75.1984

Rectangle

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



99.4340, 28.8730, 25.9294



90.3480, -0.6646, 73.3628



79.9390, -24.6199, -36.7805



80.7630, 12.4418, -70.8292

Sweetspot

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



99.4340, 28.8730, 25.9294



184.0410, 11.3188, 9.6110



100.3000, 28.4461, -23.9421



91.1670, 6.8197, 5.9925



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



99.4340, 28.8730, 25.9294



114.0010, 45.8485, 41.2181



106.6230, 18.9199, 45.0576



73.4070, 2.7573, 2.2741



44.4080, 48.6059, 43.4922



4.7000, 5.0779, 4.6481

Inverse Universe

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



101.7210, 0.1375, 49.3567



117.6090, 0.1928, 78.3959



124.3770, -18.9199, -45.0576



73.7340, 0.1311, 4.6183



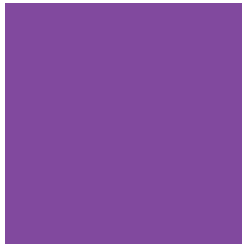
48.3430, 0.3239, 83.0142



5.0550, -0.0271, 8.7218

Previews

White Background



This preview shows how the YUV color 99.4340, 28.8730, 25.9294 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 99.4340, 28.8730, 25.9294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

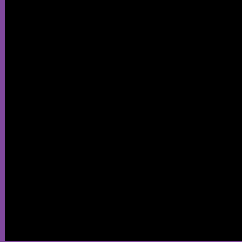
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.4340, 28.8730, 25.9294

Background



This preview shows how black text looks on a background with the YUV color 99.4340, 28.8730, 25.9294.



This preview shows how white text looks on a background with the YUV color 99.4340, 28.8730,

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

99.4340, 28.8730, 25.9294

Protanopia

91.9150, 42.4399, -32.3745

Deuteranopia

94.1150, 29.0303, -24.6569



Tritanopia

98.7680, -1.3646, 17.7435

Trichromacy



Original Color

99.4340, 28.8730, 25.9294

Protanomaly

94.4940, 37.7175, -10.9572

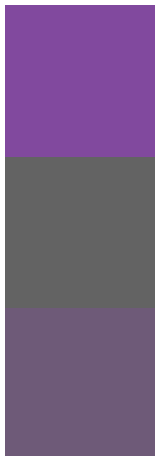
Deuteranomaly

95.9370, 29.1181, -6.0837

Tritanomaly

99.0640, 9.8284, 20.9919

Monochromacy



Original Color

99.4340, 28.8730, 25.9294

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.4000, 10.1558, 9.2962

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.4340, 28.8730, 25.9294 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(129, 73, 158)` looks like.

```
.text, #text, p{  
    color:rgb(129, 73, 158)  
}
```

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(129, 73, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 73, 158) }
```

Border

The CSS property to change the border of an element to YUV 99.4340, 28.8730, 25.9294 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(129, 73, 158) }
```


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

```
.border{ border-color:rgb(129, 73, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 73, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 73, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 73, 158);  
box-shadow:4px 4px 4px 4px rgb(129, 73,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 99.4340, 28.8730, 25.9294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 73, 158) }
```

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

```
.background{ background-color: rgb(129, 73,  
158) }
```

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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