

Converting Colors

YUV(28.2960, 34.8571, 19.9114)

Have a look what the booklet for
YUV(28.2960, 34.8571, 19.9114)
contains.

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Color

**YUV(28.2960, 34.8571,
19.9114)**

Conversions

Conversions Part 1

Format	Color
Hex	330363
RGB	51, 3, 99
RGB Percent	20%, 1%, 39%
CMY	0.8000, 0.9882, 0.6118
CMYK	0.48, 0.97, 0.00, 0.61
HSL	270°, 94%, 20%
HSV	270°, 97%, 39%
XYZ	3.6499, 1.6698, 11.9343
YIQ	28.2960, -2.2080, 40.0320

Conversions

Conversions Part 2

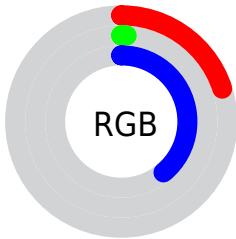
Format	Color
R_{YB}	51, 3, 99
Decimal	3343203
CIE _{Lab}	13.65, 40.89, -44.59
CIE _{LCh}	14, 60.504, 312.519
Yxy	1.6698, 0.2115, 0.0968
Android (android.graphics.Color)	4281533283 (0xFF330363)
YUV	28.2960, 34.8571, 19.9114
Hunter-Lab	12.9220, 27.8053, -45.7127

Details

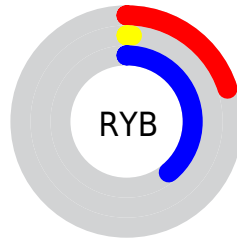
The YUV color **28.2960, 34.8571, 19.9114** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **73.7040, -34.8571, -19.9114**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.0080, 34.9991, 21.0410**, and **5.8140, 22.2767, -5.0989** is the 20% darker color. If you saturate the color by 10%, you get **26.2360, 35.8727, 20.8410**, and if you desaturate by 10%, it is **35.6610, 31.2261, 17.8373**.

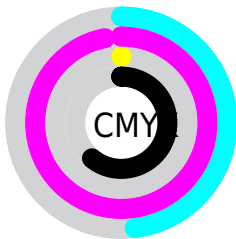
Distribution



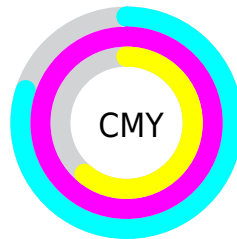
- Red (20%)
- Green (1%)
- Blue (39%)



- Red (20%)
- Yellow (1%)
- Blue (39%)



- Cyan (48%)
- Magenta (97%)
- Yellow (0%)
- Black (61%)



- Cyan (80%)
- Magenta (99%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.2960, 34.8571, 19.9114 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 28.2960, 34.8571, 19.9114 by changing the saturation by 10% instead.

■ 28.2960, 34.8571,
19.9114

■ 28.2960, 34.8571,
19.9114

■ 246.7820, 4.0515,
7.2072

■ 16.0250, 29.0747,
7.8711

■ 80.0080, 34.9991,
21.0410

■ 5.8140, 22.2767,
-5.0989

■ 105.8340, 35.5778,
22.0706

■ 4.4800, 12.0884,
-3.9290

■ 131.7740, 36.5934,
23.0002


■ 0.0000, 0.0000,
0.0000


■ 158.6000, 37.1722,
24.0298


■ 185.5140, 34.2566,
25.8592


■ 210.0340, 22.1682,


29.7882


 229.7590, 12.4438,
22.1364


 28.2960, 34.8571,
19.9114

 28.2960, 34.8571,
19.9114


 26.2360, 35.8727,
20.8410

 35.6610, 31.2261,
17.8373

 43.0260, 27.5952,
15.7632

 50.3910, 23.9642,
13.6891

 57.7560, 20.3333,
11.6150

 65.1210, 16.7023,
9.5409

■ 71.8990, 13.3608,
7.9816

■ 79.2640, 9.7298,
5.9075

■ 86.6290, 6.0989,
3.8334

■ 93.9940, 2.4680,
1.7593

Harmonies

Analogous

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



35.5130, 42.1451, -31.1449



28.2960, 34.8571, 19.9114



34.7610, 12.9358, 51.0756

Triad

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



28.2960, 34.8571, 19.9114



32.6370, -16.0900, 27.5054



35.8650, 7.9546, -31.4536

Complementary

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



28.2960, 34.8571, 19.9114



73.7040, -34.8571, -19.9114

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.



28.9910, -13.3066, -25.4251



28.2960, 34.8571, 19.9114



31.2650, -15.4136, -2.8634

Square

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



28.2960, 34.8571, 19.9114



26.6110, -13.1192, 54.7152



27.0020, -13.3120, -23.6808



39.9520, 26.1527, -35.0379

Rectangle

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



28.2960, 34.8571, 19.9114



34.0750, -0.0370, 58.6932



27.0020, -13.3120, -23.6808



33.6820, 2.1288, -29.5391

Sweetspot

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



28.2960, 34.8571, 19.9114



100.6000, 13.5082, 7.3668



42.1200, 28.0418, -34.3082



47.2100, 8.2775, 5.0778



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



28.2960, 34.8571, 19.9114



33.7280, 46.4761, 26.5485



42.6480, 27.7815, 49.4207



45.0540, 1.4524, 0.8296



29.5120, 40.6666, 23.2300



63.2400, 87.1427, 49.7785

Inverse Universe

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



37.1760, 6.8152, 54.2196



45.5680, 9.0870, 72.2929



59.3520, -27.7815, -49.4207



45.4240, 0.2840, 2.2592



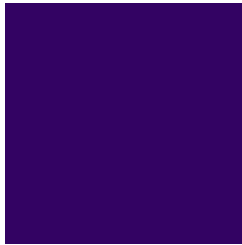
39.8720, 7.9511, 63.2563



85.4400, 17.0381, 135.5491

Previews

White Background



This preview shows how the YUV color 28.2960, 34.8571, 19.9114 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

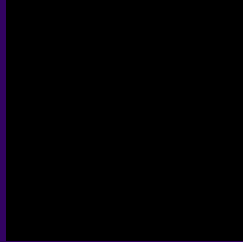
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.2960, 34.8571, 19.9114

Background



This preview shows how black text looks on a background with the YUV color 28.2960, 34.8571, 19.9114.



This preview shows how white text looks on a background with the YUV color 28.2960, 34.8571,

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

28.2960, 34.8571, 19.9114

Protanopia

30.6110, 23.3628, -26.8458

Deuteranopia

30.5310, 17.9792, -26.7757



Tritanopia

38.4450, 1.7526, -2.1443

Trichromacy



Original Color

28.2960, 34.8571, 19.9114

Protanomaly

30.1600, 27.5291, -9.7873

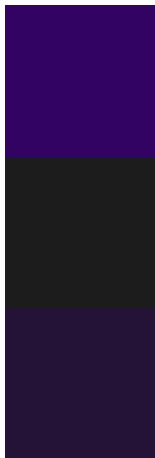
Deuteranomaly

29.9490, 24.1821, -9.6023

Tritanomaly

34.7030, 13.9504, 5.5225

Monochromacy



Original Color

28.2960, 34.8571, 19.9114

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.0730, 12.7820, 6.9520

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.2960, 34.8571, 19.9114 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(51, 3, 99)` looks like.

```
.text, #text, p{  
  color:rgb(51, 3, 99)  
}
```

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(51, 3, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 3, 99) }
```

Border

The CSS property to change the border of an element to YUV 28.2960, 34.8571, 19.9114 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(51, 3, 99) }
```


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

```
.border{ border-color:rgb(51, 3, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 3, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 3, 99); -webkit-box-shadow:4px  
4px 4px 4px rgb(51, 3, 99); box-shadow:4px  
4px 4px 4px rgb(51, 3, 99) }
```

Background

The CSS property to change the background color of an element to YUV 28.2960, 34.8571, 19.9114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 3, 99) }
```

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

```
.background{ background-color: rgb(51, 3,  
99) }
```

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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