

Converting Colors

YUV(59.4440, 33.7981, 32.9366)

Have a look what the booklet for
YUV(59.4440, 33.7981, 32.9366)
contains.

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Color

**YUV(59.4440, 33.7981,
32.9366)**

Conversions

Conversions Part 1

Format	Color
Hex	611B80
RGB	97, 27, 128
RGB Percent	38%, 11%, 50%
CMY	0.6196, 0.8941, 0.4980
CMYK	0.24, 0.79, 0.00, 0.50
HSL	282°, 65%, 30%
HSV	282°, 79%, 50%
XYZ	9.2180, 4.8838, 20.8789
YIQ	59.4440, 9.2990, 46.2510

Conversions

Conversions Part 2

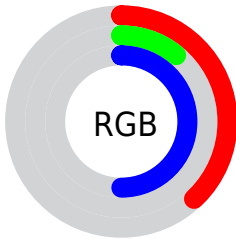
Format	Color
R_{YB}	97, 27, 128
Decimal	6364032
CIE _{Lab}	26.40, 46.96, -42.23
CIE _{LCh}	26, 63.152, 318.038
Yxy	4.8838, 0.2635, 0.1396
Android (android.graphics.Color)	4284554112 (0xFF611B80)
YUV	59.4440, 33.7981, 32.9366
Hunter-Lab	22.0992, 35.7818, -40.5465

Details

The YUV color **59.4440, 33.7981, 32.9366** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **95.5560, -33.7981, -32.9366**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.2700, 34.3769, 33.9662**, and **22.3470, 27.4369, 19.8667** is the 20% darker color. If you saturate the color by 10%, you get **50.6170, 38.1498, 37.1699**, and if you desaturate by 10%, it is **68.2710, 29.4464, 28.7033**.

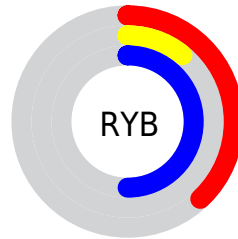
Distribution



Red (38%)

Green (11%)

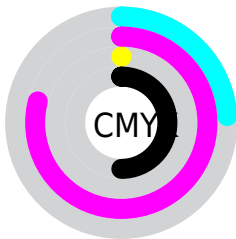
Blue (50%)



Red (38%)

Yellow (11%)

Blue (50%)

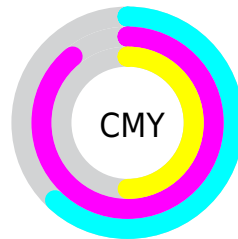


Cyan (24%)

Magenta (79%)

Yellow (0%)

Black (50%)



Cyan (62%)

Magenta (89%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.4440, 33.7981, 32.9366 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 59.4440, 33.7981, 32.9366 by changing the saturation by 10% instead.

■ 59.4440, 33.7981,
32.9366

■ 59.4440, 33.7981,
32.9366

■ 255.0000, 0.0000,
0.0000

■ 32.8570, 34.0875,
33.4514

■ 112.2700, 34.3769,
33.9662

■ 22.3470, 27.4369,
19.8667

■ 138.9820, 34.5189,
35.0958

■ 12.4350, 20.4915,
7.5115

■ 165.9220, 35.5345,
36.0254

■ 4.8220, 13.3988,
-4.2289

■ 192.3800, 30.8717,
38.2547

■ 0.4560, 1.7472,
-0.3999

■ 214.4970, 19.9680,
35.5211

■ 0.0000, 0.0000,
0.0000

■ 230.9330, 11.8650,

21.1068

247.9560, 3.4727,
6.1776

59.4440, 33.7981,
32.9366

59.4440, 33.7981,
32.9366

50.6170, 38.1498,
37.1699

68.2710, 29.4464,
28.7033

41.7900, 42.5015,
41.4032

77.0980, 25.0947,
24.4701

41.2030, 42.7909,
41.9180

85.3380, 21.0324,
20.7516

94.1650, 16.6807,
16.5183

102.9920, 12.3289,
12.2850

■ 111.8190, 7.9772,
8.0517

■ 120.6460, 3.6255,
3.8185

■ 128.5870, -0.2894,
-0.5148

■ 137.4140, -4.6411,
-4.7481

Harmonies

Analogous

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



52.4170, 51.0664, -45.9697



59.4440, 33.7981, 32.9366



49.9410, 16.7911, 74.5967

Triad

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



59.4440, 33.7981, 32.9366



59.5050, -29.3360, 29.3751



57.9210, 16.3079, -50.7967

Complementary

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



59.4440, 33.7981, 32.9366



95.5560, -33.7981, -32.9366

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.



51.6340, -5.2426, -45.2830



59.4440, 33.7981, 32.9366



55.4530, -27.3383, -4.7823

Square

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



59.4440, 33.7981, 32.9366



49.7020, -24.5031, 66.0363



45.1990, -22.2831, -39.6395



62.2360, 35.3797, -54.5810

Rectangle

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



59.4440, 33.7981, 32.9366



48.3860, 1.7817, 82.0995



45.1990, -22.2831, -39.6395



56.0970, 9.3192, -49.1971

Sweetspot

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



59.4440, 33.7981, 32.9366



138.9320, 13.3445, 13.2146



57.2980, 34.8561, -26.5713



67.8190, 7.9772, 8.0517



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



59.4440, 33.7981, 32.9366



58.6030, 52.9467, 51.2142



66.5470, 20.9293, 53.8943



59.2930, 2.3206, 2.3740



40.9040, 42.9383, 41.3032



0.0000, 0.0000, 0.0000

Inverse Universe

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



60.7330, -1.3474, 58.9932



60.8280, -1.8872, 92.2358



88.4530, -20.9293, -53.8943



59.3210, -0.1583, 4.1035



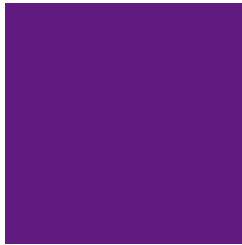
42.7180, -1.8330, 74.7923



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 59.4440, 33.7981, 32.9366 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 59.4440, 33.7981, 32.9366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

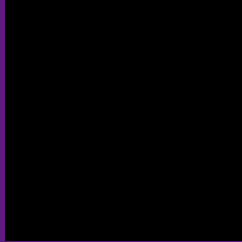
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.4440, 33.7981, 32.9366

Background



This preview shows how black text looks on a background with the YUV color 59.4440, 33.7981, 32.9366.



This preview shows how white text looks on a background with the YUV color 59.4440, 33.7981,

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

59.4440, 33.7981, 32.9366

Protanopia

51.2140, 38.8415, -44.9147

Deuteranopia

51.1510, 30.9846, -44.8594



Tritanopia

64.7250, -2.8224, 18.6582

Trichromacy



Original Color

59.4440, 33.7981, 32.9366

Protanomaly

53.9340, 37.0075, -16.6051

Deuteranomaly

53.9680, 32.0608, -16.6349

Tritanomaly

62.9010, 10.4018, 23.7658

Monochromacy



Original Color

59.4440, 33.7981, 32.9366

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.9920, 12.3289, 12.2850

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.4440, 33.7981, 32.9366 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(97, 27, 128)` looks like.

```
.text, #text, p{  
    color:rgb(97, 27, 128)  
}
```

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(97, 27, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 27, 128) }
```

Border

The CSS property to change the border of an element to YUV 59.4440, 33.7981, 32.9366 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(97, 27, 128) }
```


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

```
.border{ border-color:rgb(97, 27, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 27, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 27, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 27, 128);  
box-shadow:4px 4px 4px 4px rgb(97, 27,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 59.4440, 33.7981, 32.9366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 27, 128) }
```

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

```
.background{ background-color: rgb(97, 27,  
128) }
```

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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