

Converting Colors

YUV(52.9370, 19.2581, 29.8733)

Have a look what the booklet for
YUV(52.9370, 19.2581, 29.8733)
contains.

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Color

**YUV(52.9370, 19.2581,
29.8733)**

Conversions

Conversions Part 1

Format	Color
Hex	571C5C
RGB	87, 28, 92
RGB Percent	34%, 11%, 36%
CMY	0.6588, 0.8902, 0.6392
CMYK	0.05, 0.70, 0.00, 0.64
HSL	295°, 53%, 24%
HSV	295°, 70%, 36%
XYZ	6.2775, 3.6295, 10.4949
YIQ	52.9370, 14.6200, 32.4120

Conversions

Conversions Part 2

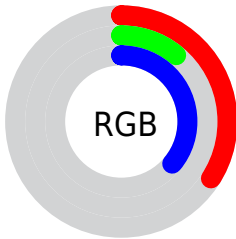
Format	Color
R_{YB}	87, 28, 92
Decimal	5708892
CIE _{Lab}	22.41, 36.56, -25.48
CIE _{LCh}	22, 44.567, 325.127
Yxy	3.6295, 0.3077, 0.1779
Android (android.graphics.Color)	4283898972 (0xFF571C5C)
YUV	52.9370, 19.2581, 29.8733
Hunter-Lab	19.0511, 25.4778, -19.3260

Details

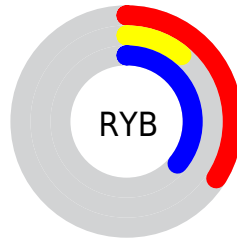
The YUV color **52.9370, 19.2581, 29.8733** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **67.0630, -19.2581, -29.8733**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.0620, 19.6894, 31.5176**, and **17.2040, 14.1964, 19.9921** is the 20% darker color. If you saturate the color by 10%, you get **47.3550, 22.0100, 33.8917**, and if you desaturate by 10%, it is **58.5190, 16.5061, 25.8548**.

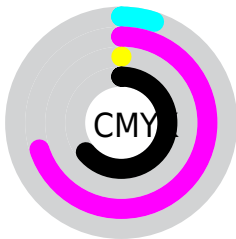
Distribution



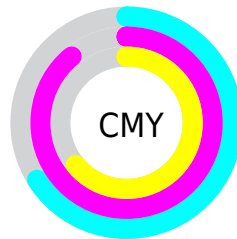
- Red (34%)
- Green (11%)
- Blue (36%)



- Red (34%)
- Yellow (11%)
- Blue (36%)



- Cyan (5%)
- Magenta (70%)
- Yellow (0%)
- Black (64%)



- Cyan (66%)
- Magenta (89%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.9370, 19.2581, 29.8733 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 52.9370, 19.2581, 29.8733 by changing the saturation by 10% instead.

52.9370, 19.2581,
29.8733

52.9370, 19.2581,
29.8733

255.0000, 0.0000,
0.0000

26.8770, 20.2736,
30.8029

103.0620, 19.6894,
31.5176

17.2040, 14.1964,
19.9921

128.7740, 19.8314,
32.6472

2.7360, 10.4832,
-2.3995

155.6000, 20.4102,
33.6768

0.0000, 0.0000,
0.0000

183.0130, 20.6996,
34.1916

210.7250, 20.8416,
35.3212

228.5850, 13.0226,

23.1660

245.0210, 4.9196,
8.7516

52.9370, 19.2581,
29.8733

52.9370, 19.2581,
29.8733

47.3550, 22.0100,
33.8917

58.5190, 16.5061,
25.8548

42.0720, 24.6145,
38.5249

63.8020, 13.9016,
21.2216

35.9030, 27.6558,
43.0581

69.9710, 10.8603,
16.6884

75.5530, 8.1084,
12.6700

81.1350, 5.3564,
8.6516

■ 86.4180, 2.7519,
4.0184

■ 92.0000, 0.0000,
0.0000

■ 98.1690, -3.0413,
-4.5332

■ 103.4520, -5.6458,
-9.1664

Harmonies

Analogous

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



51.0500, 31.0343, -14.0759



52.9370, 19.2581, 29.8733



42.6540, 8.5516, 57.3084

Triad

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



52.9370, 19.2581, 29.8733



50.5790, -24.9354, 17.9092



49.1500, 15.7020, -43.1045

Complementary

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



52.9370, 19.2581, 29.8733



67.0630, -19.2581, -29.8733

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.



44.6870, 1.1403, -39.1905



52.9370, 19.2581, 29.8733



47.4790, -23.4071, -5.6821

Square

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



52.9370, 19.2581, 29.8733



48.9500, -24.1323, 40.3859



39.4090, -14.0056, -34.5617



51.0540, 28.0744, -44.7744

Rectangle

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



52.9370, 19.2581, 29.8733



41.4450, -1.2054, 60.1227



39.4090, -14.0056, -34.5617



47.8960, 10.8973, -42.0048

Sweetspot

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



52.9370, 19.2581, 29.8733



104.7270, 7.5296, 11.6404



38.2310, 26.5081, -8.9726



51.8960, 4.4883, 7.1072



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



52.9370, 19.2581, 29.8733



58.9080, 30.1184, 46.5617



51.3540, 6.7275, 35.6465



43.0650, 1.4470, 2.5740



42.7390, 33.1597, 51.0949



92.4990, 71.2390, 110.9414

Inverse Universe

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



47.7060, -7.2501, 38.8458



50.8120, -11.2463, 60.6779



68.6460, -6.7275, -35.6465



42.6090, -0.3002, 2.9739



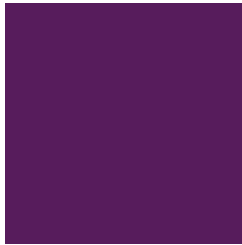
33.9160, -12.2836, 66.7257



73.0290, -26.6363, 143.8026

Previews

White Background



This preview shows how the YUV color 52.9370, 19.2581, 29.8733 looks on a white background.

Color Contrast Check

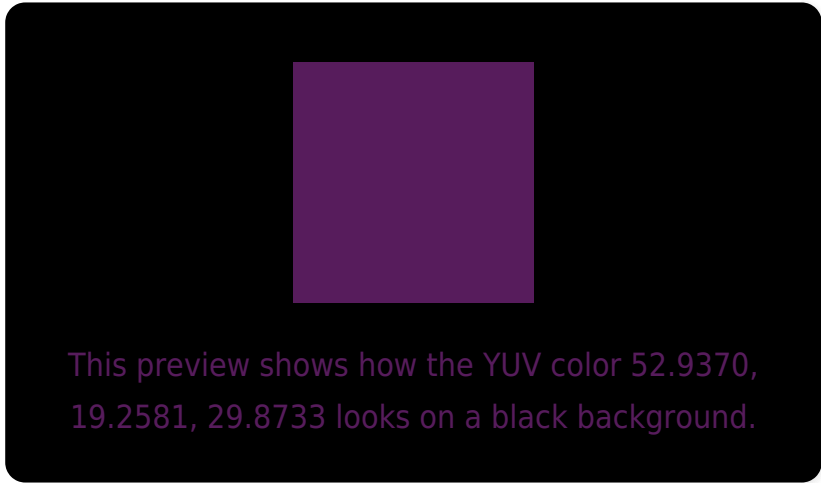
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.9370, 19.2581, 29.8733

Background



This preview shows how black text looks on a background with the YUV color 52.9370, 19.2581, 29.8733.



This preview shows how white text looks on a background with the YUV color 52.9370, 19.2581,

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

52.9370, 19.2581, 29.8733

Protanopia

43.8790, 33.5837, -38.4819

Deuteranopia

53.0810, 17.2151, -14.9800



Tritanopia

54.7040, -4.2911, 23.0616

Trichromacy



Original Color

52.9370, 19.2581, 29.8733

Protanomaly

47.3660, 28.4136, -13.4760

Deuteranomaly

53.0060, 17.7450, 1.7487

Tritanomaly

54.3050, 4.2866, 25.1655

Monochromacy



Original Color

52.9370, 19.2581, 29.8733

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.9010, 6.9508, 10.6108

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.9370, 19.2581, 29.8733 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(87, 28, 92)` looks like.

```
.text, #text, p{  
    color:rgb(87, 28, 92)  
}
```

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(87, 28, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 28, 92) }
```

Border

The CSS property to change the border of an element to YUV 52.9370, 19.2581, 29.8733 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(87, 28, 92) }
```


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

```
.border{ border-color:rgb(87, 28, 92) }
```

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

Here you see how a box with a 4 pixel rgb(87, 28, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 28, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 28, 92);  
box-shadow:4px 4px 4px 4px rgb(87, 28, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.9370, 19.2581, 29.8733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 28, 92) }
```

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

```
.background{ background-color: rgb(87, 28,  
92) }
```

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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