

Converting Colors

YUV(58.3410, 29.9049, 21.6259)

Have a look what the booklet for
YUV(58.3410, 29.9049, 21.6259)
contains.

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Color

**YUV(58.3410, 29.9049,
21.6259)**

Conversions

Conversions Part 1

Format	Color
Hex	532277
RGB	83, 34, 119
RGB Percent	33%, 13%, 47%
CMY	0.6745, 0.8667, 0.5333
CMYK	0.30, 0.71, 0.00, 0.53
HSL	275°, 56%, 30%
HSV	275°, 71%, 47%
XYZ	7.4691, 4.3150, 17.8920
YIQ	58.3410, 1.9190, 36.8230

Conversions

Conversions Part 2

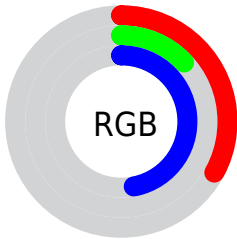
Format	Color
R_{YB}	83, 34, 119
Decimal	5448311
CIE _{Lab}	24.69, 38.79, -39.40
CIE _{LCh}	25, 55.289, 314.556
Yxy	4.3150, 0.2517, 0.1454
Android (android.graphics.Color)	4283638391 (0xFF532277)
YUV	58.3410, 29.9049, 21.6259
Hunter-Lab	20.7725, 27.8307, -36.5275

Details

The YUV color **58.3410, 29.9049, 21.6259** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **94.6590, -29.9049, -21.6259**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.9930, 31.0625, 23.6851**, and **17.8470, 25.7114, 13.2892** is the 20% darker color. If you saturate the color by 10%, you get **49.8020, 34.1146, 24.7296**, and if you desaturate by 10%, it is **66.8800, 25.6952, 18.5222**.

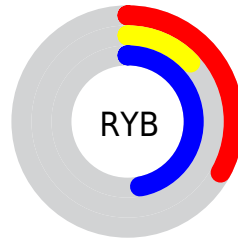
Distribution



Red (33%)

Green (13%)

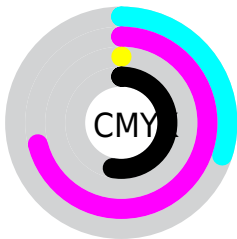
Blue (47%)



Red (33%)

Yellow (13%)

Blue (47%)

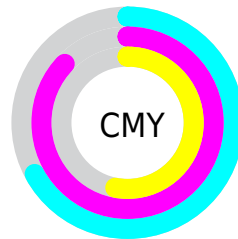


Cyan (30%)

Magenta (71%)

Yellow (0%)

Black (53%)



Cyan (67%)

Magenta (87%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.3410, 29.9049, 21.6259 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 58.3410, 29.9049, 21.6259 by changing the saturation by 10% instead.

■ 58.3410, 29.9049,
21.6259

■ 58.3410, 29.9049,
21.6259

■ 255.0000, 0.0000,
0.0000

■ 32.4550, 30.3417,
21.5260

■ 108.9930, 31.0625,
23.6851

■ 17.8470, 25.7114,
13.2892

■ 134.9330, 32.0780,
24.6148

■ 5.3580, 20.5295,
-4.6990

■ 161.7590, 32.6568,
25.6444

■ 3.4370, 10.6306,
-3.0142

■ 189.0580, 32.5094,
26.2591

■ 0.0000, 0.0000,
0.0000

■ 213.8770, 20.2736,
30.8029

■ 232.1070, 11.2862,

20.0772

249.1300, 2.8939,
5.1480

58.3410, 29.9049,
21.6259

58.3410, 29.9049,
21.6259

49.8020, 34.1146,
24.7296

66.8800, 25.6952,
18.5222

41.2630, 38.3243,
27.8333

75.4190, 21.4854,
15.4185

34.1970, 41.8079,
30.5222

83.9580, 17.2757,
12.3148

92.4970, 13.0660,
9.2111

101.0360, 8.8563,
6.1074

■ 108.9880, 4.9359,
3.5185

■ 117.5270, 0.7262,
0.4148

■ 126.0660, -3.4835,
-2.6889

■ 134.6050, -7.6933,
-5.7926

Harmonies

Analogous

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



50.1200, 44.8038, -43.9552



58.3410, 29.9049, 21.6259



45.2280, 18.1286, 65.5750

Triad

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



58.3410, 29.9049, 21.6259



55.6730, -27.4468, 30.1048



53.0310, 12.8027, -46.5082

Complementary

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



58.3410, 29.9049, 21.6259



94.6590, -29.9049, -21.6259

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.



47.4280, -6.1270, -41.5944



58.3410, 29.9049, 21.6259



53.1270, -26.1916, 0.7656

Square

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



58.3410, 29.9049, 21.6259



47.8970, -23.6132, 60.6033



41.6770, -20.5468, -36.5507



57.3630, 29.4010, -50.3074

Rectangle

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



58.3410, 29.9049, 21.6259



44.4280, 4.7190, 73.2926



41.6770, -20.5468, -36.5507



51.3210, 6.2507, -45.0085

Sweetspot

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



58.3410, 29.9049, 21.6259



132.4430, 11.6136, 8.3815



65.4090, 26.4204, -27.5457



64.8680, 6.9671, 5.3778



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



58.3410, 29.9049, 21.6259



60.2990, 47.1806, 33.9408



68.4210, 21.9774, 44.3578



54.5810, 2.1786, 1.2445



35.1370, 42.8235, 31.4519



71.5560, 87.9729, 63.5334

Inverse Universe

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



63.5190, 3.1951, 48.6568



68.4500, 4.7081, 76.7814



84.5790, -21.9774, -44.3578



55.0220, -0.0108, 3.4887



42.4060, 4.7298, 69.8039



86.8340, 9.4488, 143.0966

Previews

White Background



This preview shows how the YUV color 58.3410, 29.9049, 21.6259 looks on a white background.

Color Contrast Check

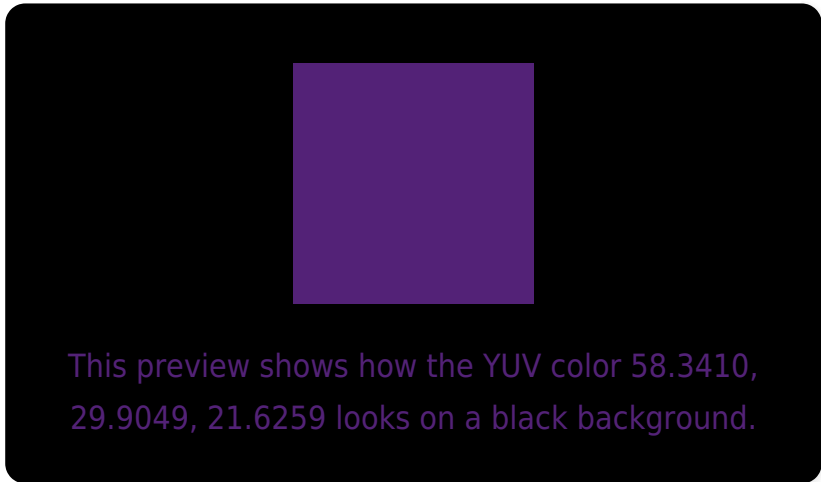
Large Text (above 18pt) WCAG AA ✓ Pass

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

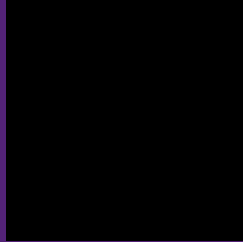
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.3410, 29.9049, 21.6259

Background



This preview shows how black text looks on a background with the YUV color 58.3410, 29.9049, 21.6259.



This preview shows how white text looks on a background with the YUV color 58.3410, 29.9049,

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

58.3410, 29.9049, 21.6259

Protanopia

47.2530, 36.3573, -41.4409

Deuteranopia

47.8910, 28.6477, -42.0004



Tritanopia

60.5390, -0.7587, 10.0513

Trichromacy



Original Color

58.3410, 29.9049, 21.6259

Protanomaly

51.4130, 33.8134, -18.7792

Deuteranomaly

51.5610, 29.3034, -18.9090

Tritanomaly

59.5470, 10.5763, 14.4293

Monochromacy



Original Color

58.3410, 29.9049, 21.6259

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.9160, 10.8874, 7.9667

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.3410, 29.9049, 21.6259 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(83, 34, 119)` looks like.

```
.text, #text, p{  
    color:rgb(83, 34, 119)  
}
```

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(83, 34, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 34, 119) }
```

Border

The CSS property to change the border of an element to YUV 58.3410, 29.9049, 21.6259 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(83, 34, 119) }
```


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

```
.border{ border-color:rgb(83, 34, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 34, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 34, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 34, 119);  
box-shadow:4px 4px 4px 4px rgb(83, 34,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 58.3410, 29.9049, 21.6259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 34, 119) }
```

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

```
.background{ background-color: rgb(83, 34,  
119) }
```

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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