

Converting Colors

YUV(58.9180, 44.9034, 17.6119)

Have a look what the booklet for
YUV(58.9180, 44.9034, 17.6119)
contains.

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Color

**YUV(58.9180, 44.9034,
17.6119)**

Conversions

Conversions Part 1

Format	Color
Hex	4F1F96
RGB	79, 31, 150
RGB Percent	31%, 12%, 59%
CMY	0.6902, 0.8784, 0.4118
CMYK	0.47, 0.79, 0.00, 0.41
HSL	264°, 66%, 35%
HSV	264°, 79%, 59%
XYZ	9.2195, 4.8442, 29.3033
YIQ	58.9180, -9.5910, 47.1850

Conversions

Conversions Part 2

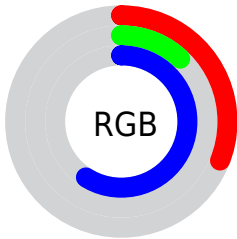
Format	Color
R_{YB}	79, 31, 150
Decimal	5185430
CIE _{Lab}	26.29, 47.47, -56.22
CIE _{LCh}	26, 73.577, 310.174
Yxy	4.8442, 0.2126, 0.1117
Android (android.graphics.Color)	4283375510 (0xFF4F1F96)
YUV	58.9180, 44.9034, 17.6119
Hunter-Lab	22.0096, 36.2536, -63.5310

Details

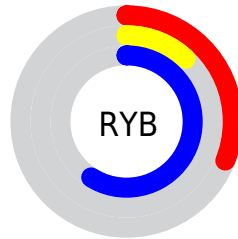
The YUV color **58.9180, 44.9034, 17.6119** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **122.0820, -44.9034, -17.6119**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.2820, 46.2030, 20.8007**, and **15.6570, 40.5951, -0.5762** is the 20% darker color. If you saturate the color by 10%, you get **47.4220, 50.5710, 19.8009**, and if you desaturate by 10%, it is **70.4140, 39.2359, 15.4229**.

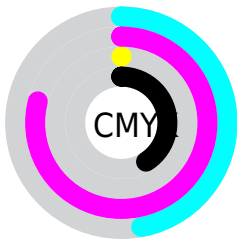
Distribution



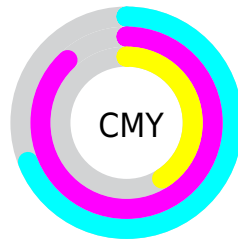
- Red (31%)
- Green (12%)
- Blue (59%)



- Red (31%)
- Yellow (12%)
- Blue (59%)



- Cyan (47%)
- Magenta (79%)
- Yellow (0%)
- Black (41%)



- Cyan (69%)
- Magenta (88%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.9180, 44.9034, 17.6119 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 58.9180, 44.9034, 17.6119 by changing the saturation by 10% instead.

■ 58.9180, 44.9034,
17.6119

■ 58.9180, 44.9034,
17.6119

■ 255.0000, 0.0000,
0.0000

■ 30.2600, 46.2138,
17.3120

■ 111.2820, 46.2030,
20.8007

■ 15.6570, 40.5951,
-0.5762

■ 138.2220, 47.2186,
21.7303

■ 8.3220, 31.8863,
-7.2984

■ 164.5490, 44.5923,
24.0745

■ 8.0480, 20.6823,
-7.0581

■ 189.0690, 32.5040,
28.0035

■ 3.7790, 11.9410,
-3.3142


■ 213.8880, 20.2682,
32.5472


■ 0.0000, 0.0000,
0.0000


■ 232.1070, 11.2862,


20.0772


 248.5430, 3.1833,
5.6628


 58.9180, 44.9034,
17.6119


 58.9180, 44.9034,
17.6119


 47.4220, 50.5710,
19.8009


 70.4140, 39.2359,
15.4229


 35.9260, 56.2385,
21.9899

 81.9100, 33.5684,
13.2339

 35.3390, 56.5279,
22.5047

 93.4060, 27.9008,
11.0449

 104.9020, 22.2333,
8.8559

 116.3980, 16.5658,
6.6670

■ 127.8940, 10.8983,
4.4780

■ 139.3900, 5.2307,
2.2890

■ 150.8860, -0.4368,
0.1000

■ 162.3820, -6.1043,
-2.0890

Harmonies

Analogous

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



58.2190, 58.0660, -51.0581



58.9180, 44.9034, 17.6119



52.8900, 24.2112, 74.6415

Triad

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



58.9180, 44.9034, 17.6119



57.5220, -28.3583, 42.5152



57.3680, 11.6506, -50.3117

Complementary

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



58.9180, 44.9034, 17.6119



122.0820, -44.9034, -17.6119

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.



49.1260, -14.8521, -43.0835



58.9180, 44.9034, 17.6119



56.6820, -27.9442, 2.9099

Square

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



58.9180, 44.9034, 17.6119



41.5610, -20.4896, 85.4540



44.6120, -21.9937, -39.1247



64.1110, 34.9483, -56.2253

Rectangle

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



58.9180, 44.9034, 17.6119



52.8580, 5.9860, 86.9475



44.6120, -21.9937, -39.1247



55.0880, 2.9146, -48.3122

Sweetspot

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



58.9180, 44.9034, 17.6119



158.0390, 17.7288, 6.9818



86.2430, 31.4322, -48.4481



75.4810, 10.6089, 3.9632



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



58.9180, 44.9034, 17.6119



53.1020, 69.4627, 27.0975



76.5590, 36.2064, 53.8838



68.6950, 2.6154, 1.1445



32.4760, 52.0233, 20.6305



2.3360, 3.7784, 1.4593

Inverse Universe

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



74.6750, 13.4712, 66.0600



77.5560, 20.9249, 102.1214



104.4410, -36.2064, -53.8838



69.5490, 0.7153, 3.9035



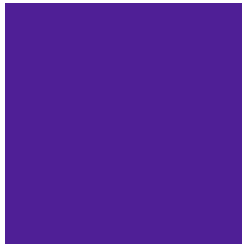
50.6100, 15.4753, 76.6410



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 58.9180, 44.9034, 17.6119 looks on a white background.

Color Contrast Check

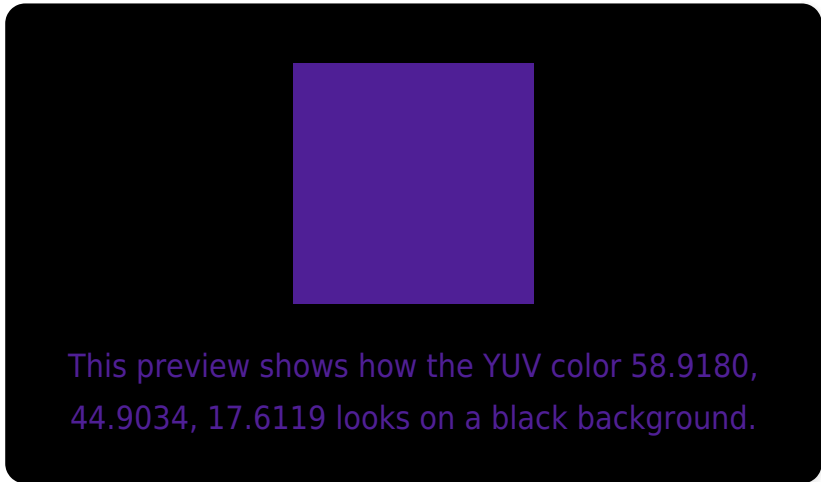
Large Text (above 18pt) WCAG AA ✓ Pass

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

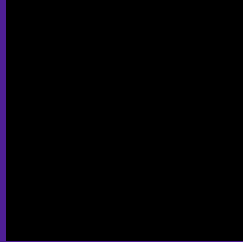
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.9180, 44.9034, 17.6119

Background



This preview shows how black text looks on a background with the YUV color 58.9180, 44.9034, 17.6119.



This preview shows how white text looks on a background with the YUV color 58.9180, 44.9034,

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

58.9180, 44.9034, 17.6119

Protanopia

50.3990, 38.2573, -44.1999

Deuteranopia

50.6950, 29.2374, -44.4595



Tritanopia

62.7760, 3.0684, -4.1886

Trichromacy



Original Color

58.9180, 44.9034, 17.6119

Protanomaly

53.5250, 40.6602, -21.5084

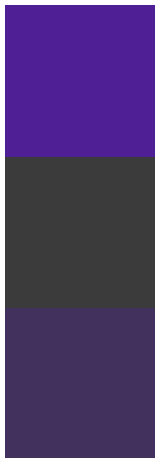
Deuteranomaly

54.0320, 34.9872, -21.9531

Tritanomaly

61.4300, 18.0290, 4.0079

Monochromacy



Original Color

58.9180, 44.9034, 17.6119

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.9850, 16.2764, 6.1522

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.9180, 44.9034, 17.6119 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(79, 31, 150)` looks like.

```
.text, #text, p{  
    color:rgb(79, 31, 150)  
}
```

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(79, 31, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 31, 150) }
```

Border

The CSS property to change the border of an element to YUV 58.9180, 44.9034, 17.6119 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(79, 31, 150) }
```


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

```
.border{ border-color:rgb(79, 31, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 31, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 31, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 31, 150);  
box-shadow:4px 4px 4px 4px rgb(79, 31,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 58.9180, 44.9034, 17.6119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 31, 150) }
```

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

```
.background{ background-color: rgb(79, 31,  
150) }
```

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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