

Converting Colors

YUV(42.7710, 17.8609, 58.0828)

Have a look what the booklet for
YUV(42.7710, 17.8609, 58.0828)
contains.

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Color

**YUV(42.7710, 17.8609,
58.0828)**

Conversions

Conversions Part 1

Format	Color
Hex	6D024F
RGB	109, 2, 79
RGB Percent	43%, 1%, 31%
CMY	0.5725, 0.9922, 0.6902
CMYK	0.00, 0.98, 0.28, 0.57
HSL	317°, 96%, 22%
HSV	317°, 98%, 43%
XYZ	7.7397, 3.8591, 7.7341
YIQ	42.7710, 39.0550, 46.6310

Conversions

Conversions Part 2

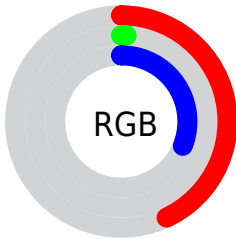
Format	Color
R_{YB}	109, 2, 79
Decimal	7144015
CIE _{Lab}	23.20, 47.75, -15.24
CIE _{LCh}	23, 50.127, 342.298
Yxy	3.8591, 0.4003, 0.1996
Android (android.graphics.Color)	4285334095 (0xFF6D024F)
YUV	42.7710, 17.8609, 58.0828
Hunter-Lab	19.6447, 35.9477, -9.5911

Details

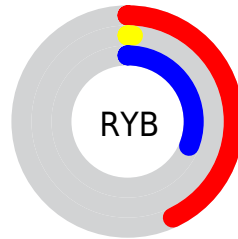
The YUV color **42.7710, 17.8609, 58.0828** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **68.2290, -17.8609, -58.0828**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.7830, 12.9250, 54.5643**, and **21.3320, 6.7383, 32.1578** is the 20% darker color. If you saturate the color by 10%, you get **41.4830, 18.0029, 59.2124**, and if you desaturate by 10%, it is **49.5700, 15.9880, 52.1201**.

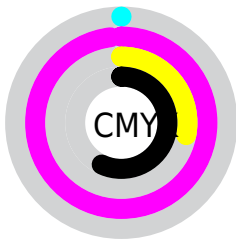
Distribution



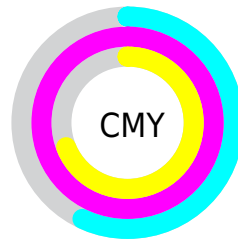
- Red (43%)
- Green (1%)
- Blue (31%)



- Red (43%)
- Yellow (1%)
- Blue (31%)



- Cyan (0%)
- Magenta (98%)
- Yellow (28%)
- Black (57%)



- Cyan (57%)
- Magenta (99%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.7710, 17.8609, 58.0828 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 42.7710, 17.8609, 58.0828 by changing the saturation by 10% instead.

■ 42.7710, 17.8609,
58.0828

■ 42.7710, 17.8609,
58.0828

■ 255.0000, 0.0000,
0.0000

■ 30.9020, 12.3733,
44.8129

■ 101.7830, 12.9250,
54.5643

■ 21.3320, 6.7383,
32.1578

■ 128.9680, 12.3408,
55.2791

■ 10.2950, -0.6384,
18.1583

■ 155.9790, 12.3354,
57.0234

■ 0.0000, 0.0000,
0.0000

■ 183.9900, 12.3299,
58.7678

■ 204.8140, 15.8677,
44.0131


■ 223.3020, 15.6271,


27.7991


 240.3250, 7.2348,
12.8700


 42.7710, 17.8609,
58.0828


 42.7710, 17.8609,
58.0828


 41.4830, 18.0029,
59.2124

 49.5700, 15.9880,
52.1201

 56.3690, 14.1151,
46.1574

 63.1680, 12.2422,
40.1947

 69.9670, 10.3693,
34.2319

 76.7660, 8.4964,
28.2692

■ 82.9780, 6.9128,
22.8213

■ 89.7770, 5.0399,
16.8586

■ 96.5760, 3.1670,
10.8958

■ 103.4890, 1.7309,
4.8331

Harmonies

Analogous

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



56.0260, 27.5952, 15.7632



42.7710, 17.8609, 58.0828



40.3690, 0.8041, 68.9594

Triad

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



42.7710, 17.8609, 58.0828



51.0780, -25.1815, 3.4396



53.1740, 26.0432, -46.6336

Complementary

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



42.7710, 17.8609, 58.0828



68.2290, -17.8609, -58.0828

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.



49.6570, 10.0291, -43.5492



42.7710, 17.8609, 58.0828



39.3400, -19.3946, -32.7472

Square

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



42.7710, 17.8609, 58.0828



52.4280, -25.8470, 30.3196



44.0370, -6.4272, -38.6204



53.3340, 36.8103, -46.7739

Rectangle

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



42.7710, 17.8609, 58.0828



42.5950, -12.1253, 62.6222



44.0370, -6.4272, -38.6204



52.5070, 20.9490, -46.0486

Sweetspot

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



42.7710, 17.8609, 58.0828



116.9780, 6.9128, 22.8213



22.8690, 42.4626, 7.1309



55.5270, 4.1772, 13.5698



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



42.7710, 17.8609, 58.0828



54.4990, 23.9110, 77.6154



36.8430, -4.8526, 63.2817



50.2500, 0.8628, 3.2887



44.5590, 19.4444, 63.5308



93.3190, 40.7617, 133.0242

Inverse Universe

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



42.7710, 17.8609, 58.0828



54.4990, 23.9110, 77.6154



74.1570, 4.8526, -63.2817



50.2500, 0.8628, 3.2887



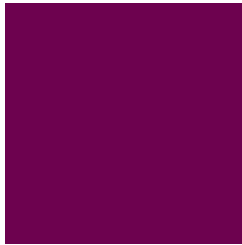
44.5590, 19.4444, 63.5308



93.3190, 40.7617, 133.0242

Previews

White Background



This preview shows how the YUV color 42.7710, 17.8609, 58.0828 looks on a white background.

Color Contrast Check

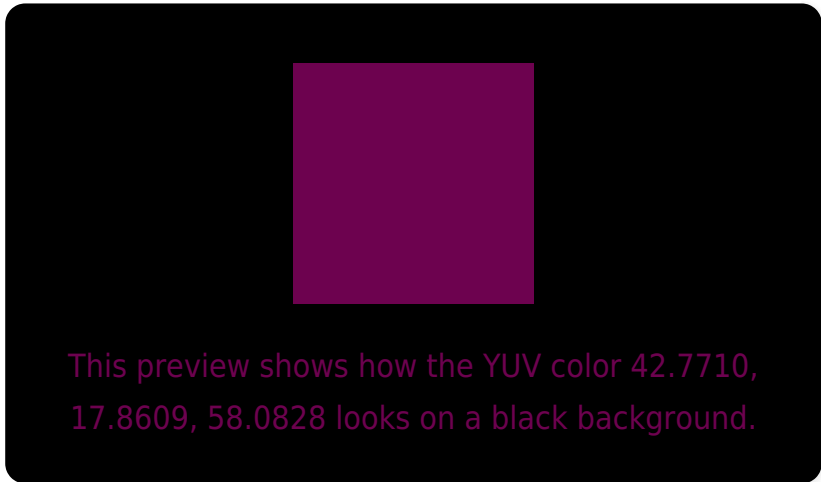
Large Text (above 18pt) WCAG AA ✓ Pass

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

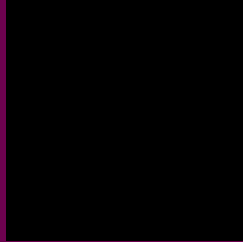
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.7710, 17.8609, 58.0828

Background



This preview shows how black text looks on a background with the YUV color 42.7710, 17.8609, 58.0828.



This preview shows how white text looks on a background with the YUV color 42.7710, 17.8609,

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

42.7710, 17.8609, 58.0828

Protanopia

54.5990, 28.2987, -23.3273

Deuteranopia

59.5250, 7.1362, -2.2144



Tritanopia

53.6530, -10.1819, 45.9083

Trichromacy



Original Color

42.7710, 17.8609, 58.0828

Protanomaly

50.1620, 24.5701, 5.9969

Deuteranomaly

53.6940, 10.9969, 19.5624

Tritanomaly

49.4330, 0.2795, 50.4863

Monochromacy



Original Color

42.7710, 17.8609, 58.0828

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.8530, 6.4815, 21.1769

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.7710, 17.8609, 58.0828 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(109, 2, 79)` looks like.

```
.text, #text, p{  
    color:rgb(109, 2, 79)  
}
```

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(109, 2, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 2, 79) }
```

Border

The CSS property to change the border of an element to YUV 42.7710, 17.8609, 58.0828 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(109, 2, 79) }
```


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

```
.border{ border-color:rgb(109, 2, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 2, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 2, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 2, 79);  
box-shadow:4px 4px 4px 4px rgb(109, 2, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.7710, 17.8609, 58.0828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 2, 79) }
```

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

```
.background{ background-color: rgb(109, 2,  
79) }
```

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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