

Converting Colors

YUV(57.7870, 57.2930, 57.1918)

Have a look what the booklet for
YUV(57.7870, 57.2930, 57.1918)
contains.

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Color

**YUV(57.7870, 57.2930,
57.1918)**

Conversions

Conversions Part 1

Format	Color
Hex	7B02AE
RGB	123, 2, 174
RGB Percent	48%, 1%, 68%
CMY	0.5176, 0.9922, 0.3176
CMYK	0.29, 0.99, 0.00, 0.32
HSL	282°, 98%, 35%
HSV	282°, 99%, 68%
XYZ	15.8301, 7.3104, 40.6211
YIQ	57.7870, 16.9040, 79.1440

Conversions

Conversions Part 2

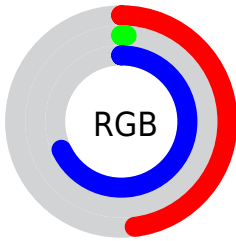
Format	Color
RYB	123, 2, 174
Decimal	8061614
CIELab	32.50, 66.03, -60.35
CIELCh	33, 89.455, 317.573
Yxy	7.3104, 0.2483, 0.1147
Android (android.graphics.Color)	4286251694 (0xFF7B02AE)
YUV	57.7870, 57.2930, 57.1918
Hunter-Lab	27.0377, 57.1925, -70.1502

Details

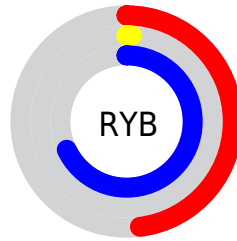
The YUV color **57.7870, 57.2930, 57.1918** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **118.2130, -57.2930, -57.1918**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.4780, 52.5153, 49.5698**, and **33.4140, 42.6869, 28.5779** is the 20% darker color. If you saturate the color by 10%, you get **56.3140, 58.0192, 57.6066**, and if you desaturate by 10%, it is **69.2610, 51.6363, 51.5141**.

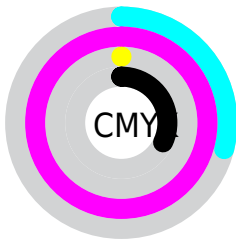
Distribution



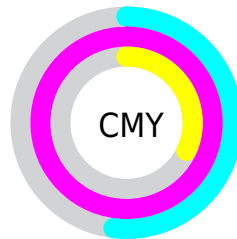
- Red (48%)
- Green (1%)
- Blue (68%)



- Red (48%)
- Yellow (1%)
- Blue (68%)



- Cyan (29%)
- Magenta (99%)
- Yellow (0%)
- Black (32%)



- Cyan (52%)
- Magenta (99%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.7870, 57.2930, 57.1918 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 57.7870, 57.2930, 57.1918 by changing the saturation by 10% instead.

■ 57.7870, 57.2930,
57.1918

■ 57.7870, 57.2930,
57.1918

■ 255.0000, 0.0000,
0.0000

■ 45.1630, 50.2056,
43.7070

■ 124.4780, 52.5153,
49.5698

■ 33.4140, 42.6869,
28.5779

■ 152.3210, 50.6207,
50.5845

■ 21.8930, 36.0418,
13.2488

■ 177.7270, 38.0956,
54.6134

■ 7.9800, 30.5759,
-6.9985

■ 198.6480, 27.7815,
49.4207

■ 7.5920, 18.9351,
-6.6582

■ 215.6710, 19.3892,
34.4915


■ 3.4370, 10.6306,
-3.0142


■ 232.6940, 10.9969,


■ 0.0000, 0.0000,


19.5624


0.0000


 249.7170, 2.6045,
4.6332


 57.7870, 57.2930,
57.1918

 57.7870, 57.2930,
57.1918


 56.3140, 58.0192,
57.6066

 69.2610, 51.6363,
51.5141

 81.3220, 45.6903,
45.3216

 92.7960, 40.0336,
39.6439

 105.1560, 33.9401,
34.0662

 116.6300, 28.2834,
28.3885

■ 128.1040, 22.6267,
22.7108

■ 140.1650, 16.6807,
16.5183

■ 151.6390, 11.0240,
10.8406

■ 163.7000, 5.0779,
4.6481

Harmonies

Analogous

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



67.4750, 73.2228, -59.1756



57.7870, 57.2930, 57.1918



66.2460, 21.0777, 99.7623

Triad

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



57.7870, 57.2930, 57.1918



72.2630, -35.6257, 40.1113



72.7390, 22.3137, -63.7921

Complementary

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



57.7870, 57.2930, 57.1918



118.2130, -57.2930, -57.1918

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.



63.0150, -9.8674, -55.2642



57.7870, 57.2930, 57.1918



66.6280, -32.8476, -11.0748

Square

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



57.7870, 57.2930, 57.1918



49.0360, -24.1747, 100.8234



55.7650, -27.4921, -48.9059



80.6220, 49.9794, -70.7055

Rectangle

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



57.7870, 57.2930, 57.1918



63.9920, -0.4891, 110.5090



55.7650, -27.4921, -48.9059



70.0030, 11.8305, -61.3926

Sweetspot

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



57.7870, 57.2930, 57.1918



181.1040, 22.6267, 22.7108



52.1320, 60.0809, -43.9658



86.7580, 13.9233, 14.2442



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



57.7870, 57.2930, 57.1918



73.7180, 75.5680, 75.6693



69.1600, 34.9241, 91.9447



80.8200, 3.0467, 2.7889



48.7940, 49.8946, 50.1697



7.4060, 7.6878, 7.5369

Inverse Universe

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



59.2420, -3.0773, 100.6428



75.5110, -4.1959, 132.8559



106.8400, -34.9241, -91.9447



81.0330, -0.0163, 5.2331



49.9800, -2.4551, 87.7175



7.6750, -0.3328, 13.4400

Previews

White Background



This preview shows how the YUV color 57.7870, 57.2930, 57.1918 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

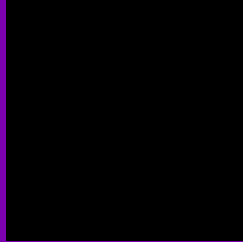
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.7870, 57.2930, 57.1918

Background



This preview shows how black text looks on a background with the YUV color 57.7870, 57.2930, 57.1918.



This preview shows how white text looks on a background with the YUV color 57.7870, 57.2930,

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

57.7870, 57.2930, 57.1918

Protanopia

62.9660, 48.3308, -55.2212

Deuteranopia

63.3930, 37.2743, -55.5957



Tritanopia

79.9320, -3.4175, 22.8616

Trichromacy



Original Color

57.7870, 57.2930, 57.1918

Protanomaly

61.1420, 51.6950, -14.1565

Deuteranomaly

61.3070, 44.7116, -14.3012

Tritanomaly

71.8560, 18.8050, 35.2063

Monochromacy



Original Color

57.7870, 57.2930, 57.1918

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.2240, 20.5956, 20.8516

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.7870, 57.2930, 57.1918 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(123, 2, 174)` looks like.

```
.text, #text, p{  
    color:rgb(123, 2, 174)  
}
```

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(123, 2, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 2, 174) }
```

Border

The CSS property to change the border of an element to YUV 57.7870, 57.2930, 57.1918 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(123, 2, 174) }
```


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

```
.border{ border-color:rgb(123, 2, 174) }
```

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

Here you see how a box with a 4 pixel rgb(123, 2, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 2, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 2, 174);  
box-shadow:4px 4px 4px 4px rgb(123, 2,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 57.7870, 57.2930, 57.1918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 2, 174) }
```

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

```
.background{ background-color: rgb(123, 2,  
174) }
```

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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