

Converting Colors

YUV(57.8800, 2.5242, 77.2812)

Have a look what the booklet for
YUV(57.8800, 2.5242, 77.2812)
contains.

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Color

**YUV(57.8800, 2.5242,
77.2812)**

Conversions

Conversions Part 1

Format	Color
Hex	920C3F
RGB	146, 12, 63
RGB Percent	57%, 5%, 25%
CMY	0.4275, 0.9529, 0.7529
CMYK	0.00, 0.92, 0.57, 0.43
HSL	337°, 85%, 31%
HSV	337°, 92%, 57%
XYZ	12.8827, 6.7328, 5.3232
YIQ	57.8800, 63.4930, 44.2690

Conversions

Conversions Part 2

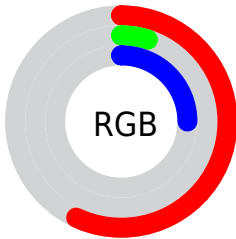
Format	Color
R_{YB}	146, 12, 63
Decimal	9571391
CIE Lab	31.19, 53.43, 8.23
CIE LCh	31, 54.060, 8.759
Yxy	6.7328, 0.5166, 0.2700
Android (android.graphics.Color)	4287761471 (0xFF920C3F)
YUV	57.8800, 2.5242, 77.2812
Hunter-Lab	25.9477, 43.2149, 6.0000

Details

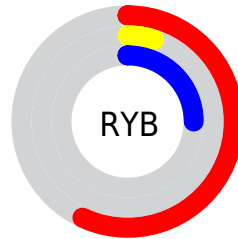
The YUV color **57.8800, 2.5242, 77.2812** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **100.1200, -2.5242, -77.2812**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.0340, -4.4538, 75.3922**, and **29.0050, -3.9465, 52.6156** is the 20% darker color. If you saturate the color by 10%, you get **50.0380, 2.9393, 84.1587**, and if you desaturate by 10%, it is **67.7110, 2.1145, 68.6595**.

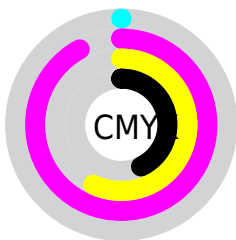
Distribution



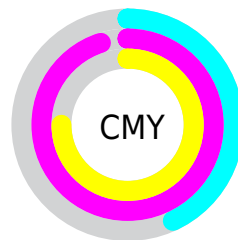
- Red (57%)
- Green (5%)
- Blue (25%)



- Red (57%)
- Yellow (5%)
- Blue (25%)



- Cyan (0%)
- Magenta (92%)
- Yellow (57%)
- Black (43%)



- Cyan (43%)
- Magenta (95%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.8800, 2.5242, 77.2812 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 57.8800, 2.5242, 77.2812 by changing the saturation by 10% instead.

■ 57.8800, 2.5242,
77.2812

■ 57.8800, 2.5242,
77.2812

255.0000, 0.0000,
0.0000

■ 39.6570, 0.6621,
67.8298

■ 119.0340, -4.4538,
75.3922

■ 29.0050, -3.9465,
52.6156

■ 146.8170, -5.3328,
77.3365

■ 19.0650, -8.4130,
38.5310

■ 172.1970, -5.0271,
72.6182

■ 8.7850, -3.8380,
17.7286

■ 191.7110, -1.3365,
55.5045

■ 0.0000, 0.0000,
0.0000

■ 211.2250, 2.3541,
38.3907

■ 231.5540, 6.6289,

20.5621

249.7170, 2.6045,
4.6332

57.8800, 2.5242,
77.2812

57.8800, 2.5242,
77.2812

50.0380, 2.9393,
84.1587

67.7110, 2.1145,
68.6595

76.9550, 1.9942,
60.5525

86.7860, 1.5845,
51.9307

96.0300, 1.4642,
43.8237

105.8610, 1.0545,
35.2019

■ 115.6920, 0.6448,
26.5801

■ 124.9360, 0.5246,
18.4731

■ 134.7670, 0.1149,
9.8513

■ 144.0110, -0.0054,
1.7444

Harmonies

Analogous

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



67.8740, 18.3031, 56.2385



57.8800, 2.5242, 77.2812



64.9020, -21.1507, 64.1069

Triad

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



57.8800, 2.5242, 77.2812



58.5660, -28.8730, -25.9294



67.9240, 41.9425, -59.5693

Complementary

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



57.8800, 2.5242, 77.2812



100.1200, -2.5242, -77.2812

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.



67.7810, 28.7020, -59.4439



57.8800, 2.5242, 77.2812



57.5040, -8.1365, -50.4310

Square

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



57.8800, 2.5242, 77.2812



68.5320, -33.7863, 10.0574



63.1070, 10.7932, -55.3448



62.0370, 47.3098, -54.4064

Rectangle

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



57.8800, 2.5242, 77.2812



67.8880, -33.4688, 48.3332



63.1070, 10.7932, -55.3448



68.3000, 38.3061, -59.8991

Sweetspot

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



57.8800, 2.5242, 77.2812



154.1270, 0.9234, 30.5836



52.0930, 46.2962, 37.6294



72.9360, 0.5246, 18.4731



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



57.8800, 2.5242, 77.2812



64.7190, 3.5895, 108.9944



61.4580, -24.3828, 74.1433



69.3210, -0.1583, 4.1035



47.1900, 2.3713, 79.6404



3.4460, 0.2731, 5.7479

Inverse Universe

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



57.8800, 2.5242, 77.2812



64.7190, 3.5895, 108.9944



96.5420, 24.3828, -74.1433



69.3210, -0.1583, 4.1035



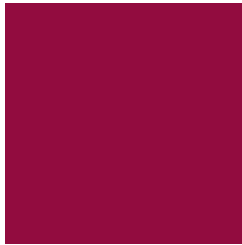
47.1900, 2.3713, 79.6404



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 57.8800, 2.5242, 77.2812 looks on a white background.

Color Contrast Check

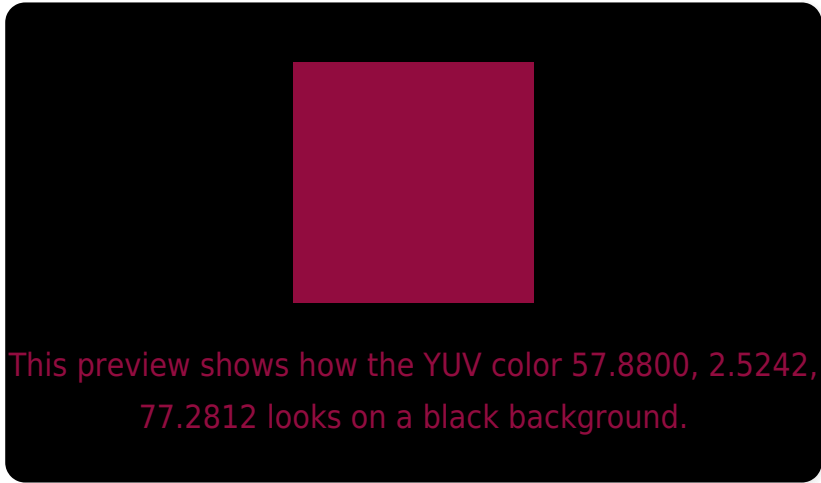
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.8800, 2.5242, 77.2812

Background



This preview shows how black text looks on a background with the YUV color 57.8800, 2.5242, 77.2812.



This preview shows how white text looks on a background with the YUV color 57.8800, 2.5242,

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

57.8800, 2.5242, 77.2812

Protanopia

75.9270, 7.4310, -3.4440

Deuteranopia

75.9600, -9.3473, 11.4361



Tritanopia

62.2820, -17.3940, 72.5437

Trichromacy



Original Color

57.8800, 2.5242, 77.2812

Protanomaly

69.3590, 5.7390, 25.9952

Deuteranomaly

69.5530, -5.2026, 35.4720

Tritanomaly

60.8290, -10.2687, 73.8180

Monochromacy



Original Color

57.8800, 2.5242, 77.2812

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.8170, 1.0762, 28.2245

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.8800, 2.5242, 77.2812 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(146, 12, 63)` looks like.

```
.text, #text, p{  
    color:rgb(146, 12, 63)  
}
```

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(146, 12, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 12, 63) }
```

Border

The CSS property to change the border of an element to YUV 57.8800, 2.5242, 77.2812 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(146, 12, 63) }
```


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

```
.border{ border-color:rgb(146, 12, 63) }
```

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

Here you see how a box with a 4 pixel rgb(146, 12, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 12, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 12, 63);  
box-shadow:4px 4px 4px 4px rgb(146, 12,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 57.8800, 2.5242, 77.2812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 12, 63) }
```

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

```
.background{ background-color: rgb(146, 12,  
63) }
```

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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