

Converting Colors

YUV(59.3000, 35.8411, 77.7899)

Have a look what the booklet for
YUV(59.3000, 35.8411, 77.7899)
contains.

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Color

**YUV(59.3000, 35.8411,
77.7899)**

Conversions

Conversions Part 1

Format	Color
Hex	940084
RGB	148, 0, 132
RGB Percent	58%, 0%, 52%
CMY	0.4196, 1.0000, 0.4824
CMYK	0.00, 1.00, 0.11, 0.42
HSL	306°, 100%, 29%
HSV	306°, 100%, 58%
XYZ	16.3776, 7.9618, 22.5034
YIQ	59.3000, 45.8360, 72.4280

Conversions

Conversions Part 2

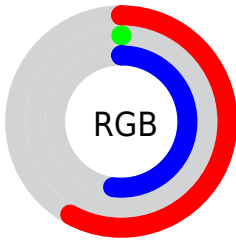
Format	Color
R_{YB}	148, 0, 132
Decimal	9699460
CIE _{Lab}	33.90, 63.13, -32.21
CIE _{LCh}	34, 70.873, 332.971
Yxy	7.9618, 0.3496, 0.1700
Android (android.graphics.Color)	4287889540 (0xFF940084)
YUV	59.3000, 35.8411, 77.7899
Hunter-Lab	28.2167, 54.2259, -27.5332

Details

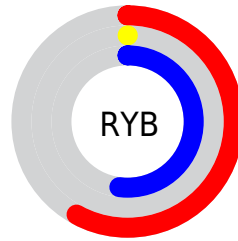
The YUV color **59.3000, 35.8411, 77.7899** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **88.7000, -35.8411, -77.7899**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.9970, 28.5955, 68.4086**, and **37.1550, 22.1086, 48.9761** is the 20% darker color. If you saturate the color by 10%, you get **59.3000, 35.8411, 77.7899**, and if you desaturate by 10%, it is **68.3330, 32.3738, 69.8680**.

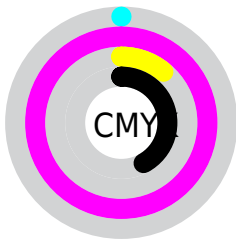
Distribution



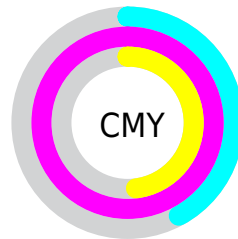
- Red (58%)
- Green (0%)
- Blue (52%)



- Red (58%)
- Yellow (0%)
- Blue (52%)



- Cyan (0%)
- Magenta (100%)
- Yellow (11%)
- Black (42%)



- Cyan (42%)
- Magenta (100%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.3000, 35.8411, 77.7899 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 59.3000, 35.8411, 77.7899 by changing the saturation by 10% instead.

■ 59.3000, 35.8411,
77.7899

■ 59.3000, 35.8411,
77.7899

■ 255.0000, 0.0000,
0.0000

■ 47.9640, 28.6117,
63.1756

■ 127.9970, 28.5955,
68.4086

■ 37.1550, 22.1086,
48.9761

■ 156.1820, 28.0113,
69.1234

■ 26.3460, 15.6054,
34.7766

■ 181.9040, 29.6273,
64.1052

■ 16.0640, 9.8284,
20.9919

■ 200.4090, 26.9134,
47.8763

■ 1.2540, 4.8048,
-1.0998

■ 216.8450, 18.8104,
33.4619

■ 0.0000, 0.0000,
0.0000

■ 233.8680, 10.4181,

18.5328

251.4780, 1.7363,
3.0888

59.3000, 35.8411,
77.7899

68.3330, 32.3738,
69.8680

77.2520, 28.4698,
62.0460

85.6980, 25.2919,
54.6389

94.6170, 21.3878,
46.8169

103.6500, 17.9205,
38.8949

■ 112.6830, 14.4533,
30.9730

■ 121.6020, 10.5492,
23.1510

■ 130.0480, 7.3713,
15.7439

■ 138.9670, 3.4673,
7.9219

Harmonies

Analogous

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



78.2960, 48.1681, -2.8906



59.3000, 35.8411, 77.7899



60.5050, 8.1320, 98.6581

Triad

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



59.3000, 35.8411, 77.7899



74.7670, -36.8601, 15.9903



75.8340, 31.6338, -66.5064

Complementary

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



59.3000, 35.8411, 77.7899



88.7000, -35.8411, -77.7899

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.



68.8630, 7.4625, -60.3929



59.3000, 35.8411, 77.7899



63.5610, -31.3356, -29.4330

Square

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



59.3000, 35.8411, 77.7899



73.2480, -36.1113, 55.9105



60.5070, -19.4770, -53.0646



78.1600, 50.7001, -68.5463

Rectangle

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



59.3000, 35.8411, 77.7899



55.8030, -7.2979, 101.0278



60.5070, -19.4770, -53.0646



73.8960, 24.2083, -64.8068

Sweetspot

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



59.3000, 35.8411, 77.7899



156.8570, 13.8745, 29.9434



21.3570, 62.4350, -5.5751



75.9990, 8.3815, 18.4179



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.



59.3000, 35.8411, 77.7899



76.6030, 46.5377, 100.3262



50.9780, 3.9548, 85.0883



69.7770, 1.5889, 3.7036



55.2840, 33.3840, 72.5419



4.0160, 2.4571, 5.2480

Inverse Universe

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



59.3000, 35.8411, 77.7899



76.6030, 46.5377, 100.3262



97.0220, -3.9548, -85.0883



69.7770, 1.5889, 3.7036



55.2840, 33.3840, 72.5419



4.0160, 2.4571, 5.2480

Previews

White Background



This preview shows how the YUV color 59.3000, 35.8411, 77.7899 looks on a white background.

Color Contrast Check

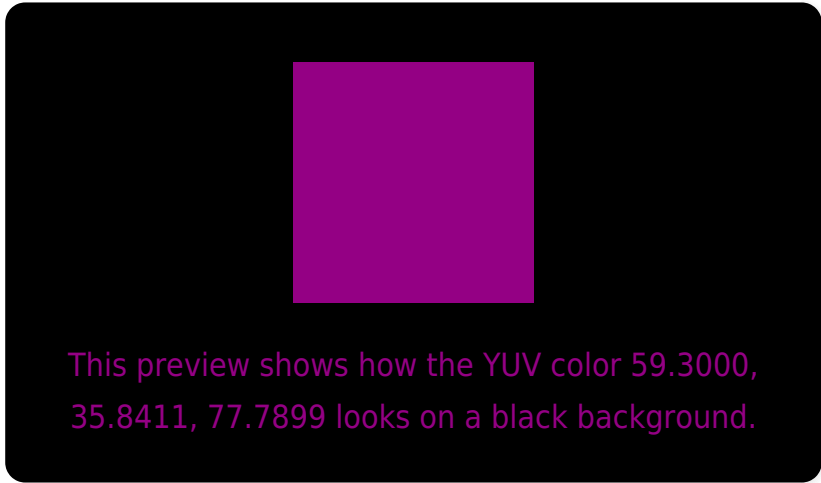
Large Text (above 18pt) WCAG AA ✓ Pass

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

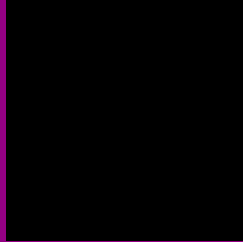
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.3000, 35.8411, 77.7899

Background



This preview shows how black text looks on a background with the YUV color 59.3000, 35.8411, 77.7899.



This preview shows how white text looks on a background with the YUV color 59.3000, 35.8411,

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



Protanopia

66.2260, 50.6676, -58.0802

Deuteranopia

81.4060, 20.9988, -15.2651

Tritanopia

78.9530, -11.8088, 54.4152

Trichromacy



Protanomaly

63.8670, 45.4216, -8.6534

Deuteranomaly

73.4070, 26.4213, 18.9371

Tritanomaly

71.8890, 5.4777, 63.2413

Monochromacy



Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.3190, 13.1537, 27.7842

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.3000, 35.8411, 77.7899 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(148, 0, 132)` looks like.

```
.text, #text, p{  
    color:rgb(148, 0, 132)  
}
```

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(148, 0, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 0, 132) }
```

Border

The CSS property to change the border of an element to YUV 59.3000, 35.8411, 77.7899 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(148, 0, 132) }
```

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

```
.border{ border-color:rgb(148, 0, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 0, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 0, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 0, 132);  
box-shadow:4px 4px 4px 4px rgb(148, 0,  
132) }
```


Background

The CSS property to change the background color of an element to YUV 59.3000, 35.8411, 77.7899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 0, 132) }
```

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

```
.background{ background-color: rgb(148, 0,  
132) }
```

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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