

Converting Colors

YUV(59.8850, 41.9617, 74.6459)

Have a look what the booklet for
YUV(59.8850, 41.9617, 74.6459)
contains.

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Color

**YUV(59.8850, 41.9617,
74.6459)**

Conversions

Conversions Part 1

Format	Color
Hex	910091
RGB	145, 0, 145
RGB Percent	57%, 0%, 57%
CMY	0.4314, 1.0000, 0.4314
CMYK	0.00, 1.00, 0.00, 0.43
HSL	300°, 100%, 28%
HSV	300°, 100%, 57%
XYZ	16.7879, 8.0641, 27.4598
YIQ	59.8850, 39.8750, 75.8350

Conversions

Conversions Part 2

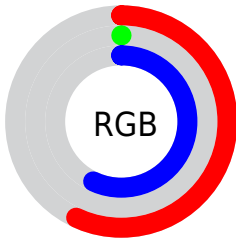
Format	Color
R_YB	145, 0, 145
Decimal	9502865
CIE _{Lab}	34.12, 64.52, -39.95
CIE _{LCh}	34, 75.888, 328.233
Yxy	8.0641, 0.3209, 0.1542
Android (android.graphics.Color)	4287692945 (0xFF910091)
YUV	59.8850, 41.9617, 74.6459
Hunter-Lab	28.3973, 55.8301, -37.4544

Details

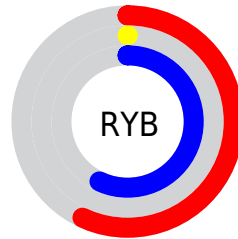
The YUV color **59.8850, 41.9617, 74.6459** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **85.1150, -41.9617, -74.6459**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.3970, 35.3003, 64.5498**, and **37.6260, 27.7924, 45.9320** is the 20% darker color. If you saturate the color by 10%, you get **59.8850, 41.9617, 74.6459**, and if you desaturate by 10%, it is **68.1030, 37.9102, 67.4387**.

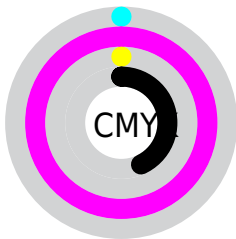
Distribution



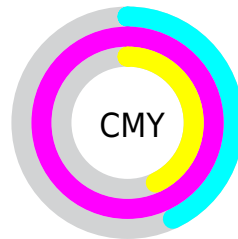
- Red (57%)
- Green (0%)
- Blue (57%)



- Red (57%)
- Yellow (0%)
- Blue (57%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (43%)



- Cyan (43%)
- Magenta (100%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.8850, 41.9617, 74.6459 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 59.8850, 41.9617, 74.6459 by changing the saturation by 10% instead.

■ 59.8850, 41.9617,
74.6459

■ 59.8850, 41.9617,
74.6459

■ 255.0000, 0.0000,
0.0000

■ 48.5490, 34.7323,
60.0315

■ 128.3970, 35.3003,
64.5498

■ 37.6260, 27.7924,
45.9320

■ 156.9950, 35.0055,
65.7794

■ 26.7030, 20.8524,
31.8325

■ 183.9730, 35.0163,
62.2907

■ 16.3070, 14.6386,
18.1478

■ 200.4090, 26.9134,
47.8763

■ 3.3230, 10.1938,
-2.9143

■ 217.4320, 18.5210,
32.9471

■ 0.0000, 0.0000,
0.0000

■ 234.4550, 10.1287,

18.0180

251.4780, 1.7363,
3.0888

59.8850, 41.9617,
74.6459

68.1030, 37.9102,
67.4387

76.9080, 33.5694,
59.7167

85.7130, 29.2285,
51.9947

93.9310, 25.1770,
44.7875

102.7360, 20.8362,
37.0655

■ 110.9540, 16.7847,
29.8583

■ 119.7590, 12.4438,
22.1364

■ 127.9770, 8.3923,
14.9292

■ 136.7820, 4.0515,
7.2072

Harmonies

Analogous

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



73.4440, 56.9691, -25.8224



59.8850, 41.9617, 74.6459



62.8410, 11.9104, 100.1174

Triad

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



59.8850, 41.9617, 74.6459



75.6970, -37.3186, 23.0677



76.5520, 29.3079, -67.1361

Complementary

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



59.8850, 41.9617, 74.6459



85.1150, -41.9617, -74.6459

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.



69.0110, 2.9526, -60.5226



59.8850, 41.9617, 74.6459



65.6650, -32.3728, -23.3852

Square

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



59.8850, 41.9617, 74.6459



70.6560, -34.8334, 66.0767



58.7000, -28.9391, -51.4799



80.2630, 51.1423, -70.3907

Rectangle

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



59.8850, 41.9617, 74.6459



58.9930, -5.4195, 105.2461



58.7000, -28.9391, -51.4799



73.7990, 21.2981, -64.7217

Sweetspot

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



59.8850, 41.9617, 74.6459



155.5410, 16.4953, 29.3435



16.5300, 63.3357, -14.4968



74.0420, 9.8393, 17.5032



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.



59.8850, 41.9617, 74.6459



78.0570, 54.6949, 97.2970



51.6770, 10.5122, 81.8443



66.8910, 2.0257, 3.6036



55.7550, 39.0678, 69.4979



3.3040, 2.3151, 4.1184

Inverse Universe

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



59.8850, 41.9617, 74.6459



78.0570, 54.6949, 97.2970



93.4370, -10.0754, -81.9442



66.8910, 2.0257, 3.6036



55.7550, 39.0678, 69.4979



3.3040, 2.3151, 4.1184

Previews

White Background



This preview shows how the YUV color 59.8850, 41.9617, 74.6459 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

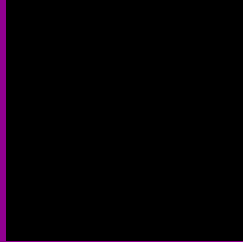
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.8850, 41.9617, 74.6459

Background



This preview shows how black text looks on a background with the YUV color 59.8850, 41.9617, 74.6459.



This preview shows how white text looks on a background with the YUV color 59.8850, 41.9617,

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

66.3400, 51.1044, -58.1802

Deuteranopia

79.7620, 27.7253, -26.1013

Tritanopia

81.0770, -9.8980, 48.1675

Trichromacy



Protanomaly

64.1380, 47.7530, -9.7680

Deuteranomaly

72.3720, 32.8476, 11.0748

Tritanomaly

73.1810, 9.2778, 57.7233

Monochromacy



Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.8890, 15.3377, 27.2843

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.8850, 41.9617, 74.6459 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(145, 0, 145)` looks like.

```
.text, #text, p{  
    color:rgb(145, 0, 145)  
}
```

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(145, 0, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 0, 145) }
```

Border

The CSS property to change the border of an element to YUV 59.8850, 41.9617, 74.6459 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(145, 0, 145) }
```

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

```
.border{ border-color:rgb(145, 0, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 0, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 0, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 0, 145);  
box-shadow:4px 4px 4px 4px rgb(145, 0,  
145) }
```


Background

The CSS property to change the background color of an element to YUV 59.8850, 41.9617, 74.6459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 0, 145) }
```

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

```
.background{ background-color: rgb(145, 0,  
145) }
```

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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