

Converting Colors

YUV(59.0850, 28.5521, 82.3635)

Have a look what the booklet for
YUV(59.0850, 28.5521, 82.3635)
contains.

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Color

**YUV(59.0850, 28.5521,
82.3635)**

Conversions

Conversions Part 1

Format	Color
Hex	990075
RGB	153, 0, 117
RGB Percent	60%, 0%, 46%
CMY	0.4000, 1.0000, 0.5412
CMYK	0.00, 1.00, 0.24, 0.40
HSL	314°, 100%, 30%
HSV	314°, 100%, 60%
XYZ	16.3478, 8.0567, 17.5231
YIQ	59.0850, 53.6310, 68.8230

Conversions

Conversions Part 2

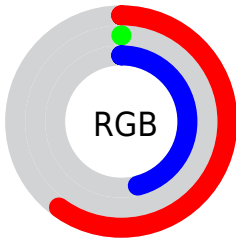
Format	Color
R_{YB}	153, 0, 117
Decimal	10027125
CIE _{Lab}	34.10, 62.11, -22.41
CIE _{LCh}	34, 66.030, 340.163
Yxy	8.0567, 0.3899, 0.1922
Android (android.graphics.Color)	4288217205 (0xFF990075)
YUV	59.0850, 28.5521, 82.3635
Hunter-Lab	28.3843, 53.1336, -16.7338

Details

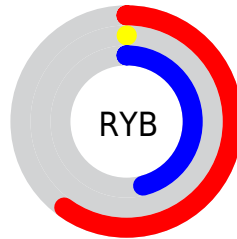
The YUV color **59.0850, 28.5521, 82.3635** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **93.9150, -28.5521, -82.3635**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.5540, 20.4329, 73.1821**, and **36.7550, 15.4038, 52.8349** is the 20% darker color. If you saturate the color by 10%, you get **59.0850, 28.5521, 82.3635**, and if you desaturate by 10%, it is **68.3460, 25.9584, 74.2416**.

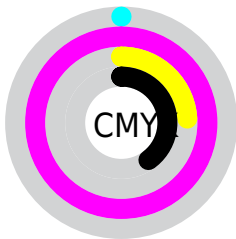
Distribution



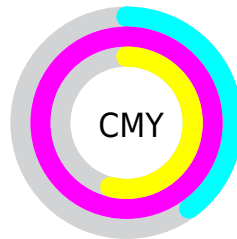
- Red (60%)
- Green (0%)
- Blue (46%)



- Red (60%)
- Yellow (0%)
- Blue (46%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (40%)





- Cyan (40%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 59.0850, 28.5521, 82.3635 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 59.0850, 28.5521, 82.3635 by changing the saturation by 10% instead.

 59.0850, 28.5521,
82.3635


 59.0850, 28.5521,
82.3635


255.0000, 0.0000,
0.0000


 47.8630, 21.7595,
67.6491


 127.5540, 20.4329,
73.1821


 36.7550, 15.4038,
52.8349

 156.7390, 19.8487,
73.8969


 26.1740, 9.7742,
38.4354

 180.5530, 21.9124,
65.2900

 16.0060, 4.4340,
24.5507

 200.1810, 26.0398,
48.0763

 0.0000, 0.0000,
0.0000

 217.4320, 18.5210,
32.9471

 234.4550, 10.1287,

18.0180

251.4780, 1.7363,
3.0888

59.0850, 28.5521,
82.3635

68.3460, 25.9584,
74.2416

78.0800, 22.6386,
65.7048

87.3410, 20.0449,
57.5829

96.4880, 17.0144,
49.5610

106.3360, 14.1314,
40.9243

■ 115.5970, 11.5377,
32.8024

■ 124.7440, 8.5072,
24.7805

■ 134.0050, 5.9135,
16.6586

■ 143.7390, 2.5937,
8.1219

Harmonies

Analogous

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



80.6530, 40.1041, 16.9673



59.0850, 28.5521, 82.3635



57.9410, 3.4801, 97.3987

Triad

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



59.0850, 28.5521, 82.3635



74.1250, -36.5436, 7.7834



76.1590, 35.4176, -66.7914

Complementary

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



59.0850, 28.5521, 82.3635



93.9150, -28.5521, -82.3635

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.



70.3450, 13.1409, -61.6926



59.0850, 28.5521, 82.3635



56.6730, -27.9398, -45.3172

Square

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



59.0850, 28.5521, 82.3635



75.2420, -37.0943, 44.5148



62.9010, -10.3042, -55.1642



76.8720, 50.8421, -67.4167

Rectangle

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



59.0850, 28.5521, 82.3635



56.3800, -12.5123, 93.5057



62.9010, -10.3042, -55.1642



74.3350, 28.4288, -65.1918

Sweetspot

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



59.0850, 28.5521, 82.3635



162.1840, 11.2483, 32.2876



28.2060, 61.5234, 6.8353



77.5430, 6.6343, 18.8178



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



59.0850, 28.5521, 82.3635



76.8290, 37.0593, 107.1440



50.4210, -4.6446, 89.9618



72.0760, 1.4415, 4.3183



54.0580, 26.1004, 75.3711



5.0270, 2.4517, 6.9923

Inverse Universe

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



59.0850, 28.5521, 82.3635



76.8290, 37.0593, 107.1440



102.5790, 4.6446, -89.9618



72.0760, 1.4415, 4.3183



54.0580, 26.1004, 75.3711



5.0270, 2.4517, 6.9923

Previews

White Background



This preview shows how the YUV color 59.0850, 28.5521, 82.3635 looks on a white background.

Color Contrast Check

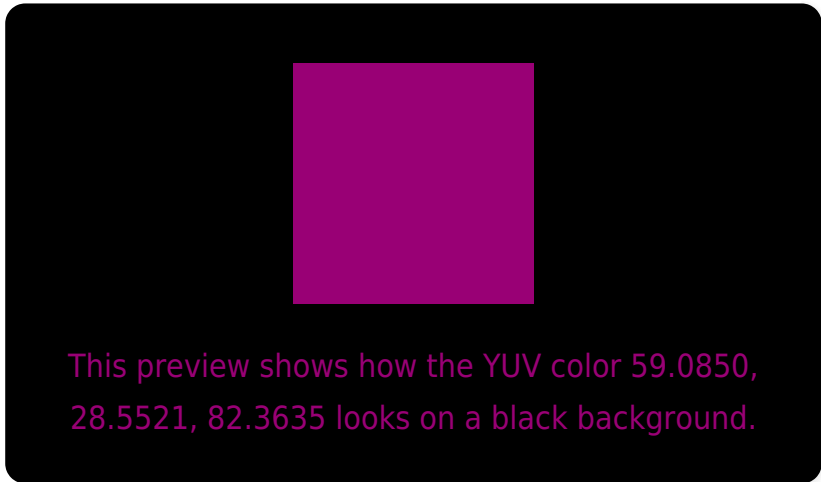
Large Text (above 18pt) WCAG AA ✓ Pass

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

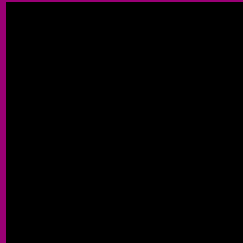
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.0850, 28.5521, 82.3635

Background



This preview shows how black text looks on a background with the YUV color 59.0850, 28.5521, 82.3635.



This preview shows how white text looks on a background with the YUV color 59.0850, 28.5521,

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

73.6580, 45.5246, -41.7961

Deuteranopia

83.6970, 12.9674, -5.8733

Tritanopia

76.7260, -14.1619, 62.5073

Trichromacy



Protanomaly

68.3370, 39.2739, 3.2125

Deuteranomaly

74.8010, 18.8321, 26.4845

Tritanomaly

70.1950, 1.3829, 69.9890

Monochromacy



Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.2330, 10.2381, 29.6137

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.0850, 28.5521, 82.3635 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(153, 0, 117)` looks like.

```
.text, #text, p{  
    color:rgb(153, 0, 117)  
}
```

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(153, 0, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 0, 117) }
```

Border

The CSS property to change the border of an element to YUV 59.0850, 28.5521, 82.3635 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(153, 0, 117) }
```

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

```
.border{ border-color:rgb(153, 0, 117) }
```

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

Here you see how a box with a 4 pixel rgb(153, 0, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 0, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 0, 117);  
box-shadow:4px 4px 4px 4px rgb(153, 0,  
117) }
```


Background

The CSS property to change the background color of an element to YUV 59.0850, 28.5521, 82.3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 0, 117) }
```

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

```
.background{ background-color: rgb(153, 0,  
117) }
```

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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