

Converting Colors

YUV(59.6140, 39.6303, 75.7605)

Have a look what the booklet for
YUV(59.6140, 39.6303, 75.7605)
contains.

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Color

**YUV(59.6140, 39.6303,
75.7605)**

Conversions

Conversions Part 1

Format	Color
Hex	92008C
RGB	146, 0, 140
RGB Percent	57%, 0%, 55%
CMY	0.4275, 1.0000, 0.4510
CMYK	0.00, 1.00, 0.04, 0.43
HSL	302°, 100%, 29%
HSV	302°, 100%, 57%
XYZ	16.5877, 8.0044, 25.4817
YIQ	59.6140, 42.0760, 74.4920

Conversions

Conversions Part 2

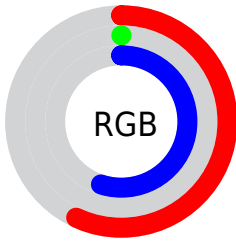
Format	Color
R_{YB}	146, 0, 140
Decimal	9568396
CIE _{Lab}	33.99, 63.93, -37.06
CIE _{LCh}	34, 73.896, 329.903
Yxy	8.0044, 0.3313, 0.1599
Android (android.graphics.Color)	4287758476 (0xFF92008C)
YUV	59.6140, 39.6303, 75.7605
Hunter-Lab	28.2921, 55.1434, -33.5959

Details

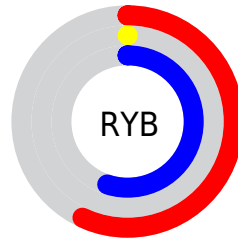
The YUV color **59.6140, 39.6303, 75.7605** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **86.3860, -39.6303, -75.7605**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.0120, 32.5321, 65.7645**, and **37.3550, 25.4610, 47.0467** is the 20% darker color. If you saturate the color by 10%, you get **59.6140, 39.6303, 75.7605**, and if you desaturate by 10%, it is **68.5330, 35.7262, 67.9386**.

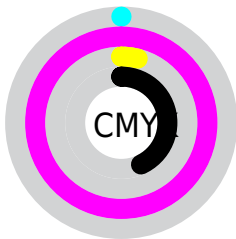
Distribution



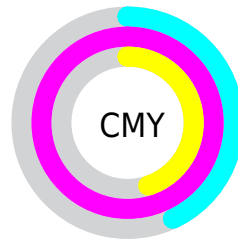
- Red (57%)
- Green (0%)
- Blue (55%)



- Red (57%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (4%)
- Black (43%)



- Cyan (43%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.6140, 39.6303, 75.7605 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 59.6140, 39.6303, 75.7605 by changing the saturation by 10% instead.

■ 59.6140, 39.6303,
75.7605

■ 59.6140, 39.6303,
75.7605

■ 255.0000, 0.0000,
0.0000

■ 48.2780, 32.4009,
61.1462

■ 128.0120, 32.5321,
65.7645

■ 37.3550, 25.4610,
47.0467

■ 156.6100, 32.2373,
66.9940

■ 26.5460, 18.9578,
32.8472

■ 182.9300, 33.5585,
63.2054

■ 16.1500, 12.7440,
19.1624

■ 200.4090, 26.9134,
47.8763

■ 2.8670, 8.4466,
-2.5144

■ 216.8450, 18.8104,
33.4619

■ 0.0000, 0.0000,
0.0000

■ 234.4550, 10.1287,

18.0180

251.4780, 1.7363,
3.0888

59.6140, 39.6303,
75.7605

68.5330, 35.7262,
67.9386

76.7510, 31.6748,
60.7314

85.6700, 27.7707,
52.9094

93.8880, 23.7192,
45.7022

102.8070, 19.8151,
37.8803

■ 111.7260, 15.9111,
30.0583

■ 119.9440, 11.8596,
22.8511

■ 128.8630, 7.9555,
15.0291

■ 137.0810, 3.9041,
7.8220

Harmonies

Analogous

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



75.8860, 53.3002, -15.6860



59.6140, 39.6303, 75.7605



61.7870, 10.4580, 99.2878

Triad

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



59.6140, 39.6303, 75.7605



75.3870, -37.1658, 20.7086



76.1930, 30.4709, -66.8213

Complementary

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



59.6140, 39.6303, 75.7605



86.3860, -39.6303, -75.7605

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.



68.7660, 4.5524, -60.3078



59.6140, 39.6303, 75.7605



64.7680, -31.9306, -25.2295

Square

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



59.6140, 39.6303, 75.7605



72.1070, -35.5488, 62.1732



58.9110, -25.5921, -51.6649



79.5620, 50.9949, -69.7759

Rectangle

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



59.6140, 39.6303, 75.7605



57.7540, -6.2877, 103.7017



58.9110, -25.5921, -51.6649



74.0270, 22.1717, -64.9217

Sweetspot

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



59.6140, 39.6303, 75.7605



155.1990, 15.1849, 29.6435



18.1390, 63.0355, -11.5229



73.9280, 9.4025, 17.6031



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.



59.6140, 39.6303, 75.7605



77.1450, 51.2005, 98.0968



51.4060, 8.1808, 82.9589



69.8910, 2.0257, 3.6036



56.3100, 37.3152, 71.6421



4.1300, 2.8939, 5.1480

Inverse Universe

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



59.6140, 39.6303, 75.7605



77.1450, 51.2005, 98.0968



94.5940, -8.1808, -82.9589



69.8910, 2.0257, 3.6036



56.3100, 37.3152, 71.6421



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 59.6140, 39.6303, 75.7605 looks on a white background.

Color Contrast Check

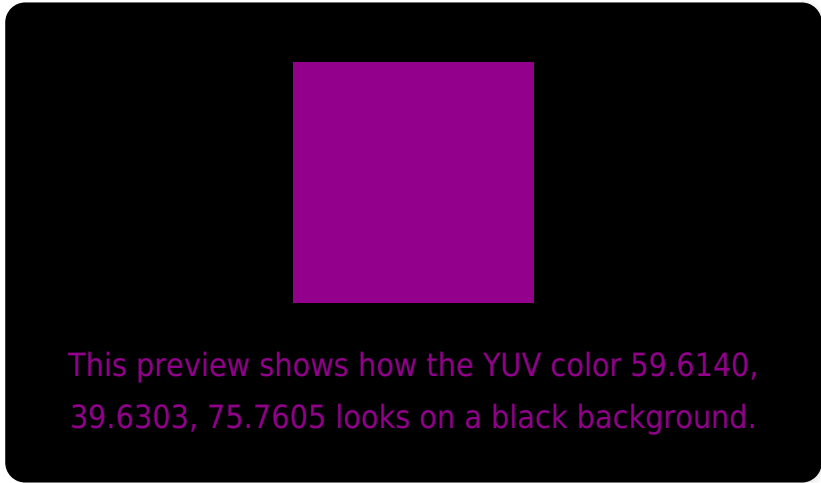
Large Text (above 18pt) WCAG AA ✓ Pass

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

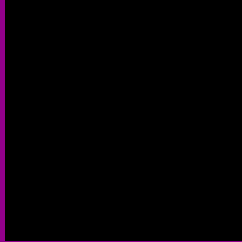
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.6140, 39.6303, 75.7605

Background



This preview shows how black text looks on a background with the YUV color 59.6140, 39.6303, 75.7605.



This preview shows how white text looks on a background with the YUV color 59.6140, 39.6303,

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

80.5130, 25.3831, -21.4979

Tritanopia

80.2730, -10.4876, 50.6266

Trichromacy



Protanomaly

63.7960, 46.4426, -9.4681

Deuteranomaly

73.1120, 30.5108, 13.9338

Tritanomaly

72.7360, 7.5252, 59.8675

Monochromacy



Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.6610, 14.4641, 27.4843

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.6140, 39.6303, 75.7605 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, 0, 140)` looks like.

```
.text, #text, p{  
    color:rgb(146, 0, 140)  
}
```

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, 0, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 0, 140) }
```

Border

The CSS property to change the border of an element to YUV 59.6140, 39.6303, 75.7605 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, 0, 140) }
```

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

```
.border{ border-color:rgb(146, 0, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 0, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 0, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 0, 140);  
box-shadow:4px 4px 4px 4px rgb(146, 0,  
140) }
```


Background

The CSS property to change the background color of an element to YUV 59.6140, 39.6303, 75.7605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 0, 140) }
```

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

```
.background{ background-color: rgb(146, 0,  
140) }
```

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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