

Converting Colors

YUV(49.3860, 48.6167, 40.0035)

Have a look what the booklet for
YUV(49.3860, 48.6167, 40.0035)
contains.

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Color

**YUV(49.3860, 48.6167,
40.0035)**

Conversions

Conversions Part 1

Format	Color
Hex	5F0794
RGB	95, 7, 148
RGB Percent	37%, 3%, 58%
CMY	0.6275, 0.9725, 0.4196
CMYK	0.36, 0.95, 0.00, 0.42
HSL	277°, 91%, 30%
HSV	277°, 95%, 58%
XYZ	10.1406, 4.7230, 28.3941
YIQ	49.3860, 7.1870, 62.5070

Conversions

Conversions Part 2

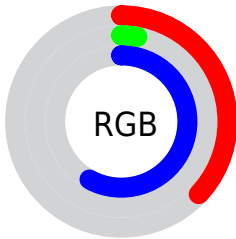
Format	Color
RYB	95, 7, 148
Decimal	6227860
CIELab	25.93, 56.41, -55.48
CIELCh	26, 79.122, 315.474
Yxy	4.7230, 0.2344, 0.1092
Android (android.graphics.Color)	4284417940 (0xFF5F0794)
YUV	49.3860, 48.6167, 40.0035
Hunter-Lab	21.7324, 45.2585, -62.2517

Details

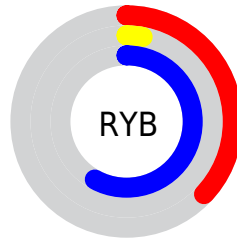
The YUV color **49.3860, 48.6167, 40.0035** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **105.6140, -48.6167, -40.0035**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.3810, 46.1542, 36.4999**, and **22.3060, 36.3311, 13.7636** is the 20% darker color. If you saturate the color by 10%, you get **44.3800, 51.0847, 41.7627**, and if you desaturate by 10%, it is **59.9850, 43.3914, 35.9702**.

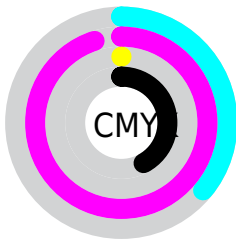
Distribution



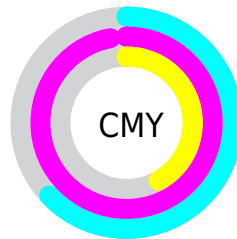
- Red (37%)
- Green (3%)
- Blue (58%)



- Red (37%)
- Yellow (3%)
- Blue (58%)



- Cyan (36%)
- Magenta (95%)
- Yellow (0%)
- Black (42%)



- Cyan (63%)
- Magenta (97%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.3860, 48.6167, 40.0035 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 49.3860, 48.6167, 40.0035 by changing the saturation by 10% instead.

49.3860, 48.6167,
40.0035

49.3860, 48.6167,
40.0035

255.0000, 0.0000,
0.0000

33.9410, 43.4131,
28.9927

109.3810, 46.1542,
36.4999

22.3060, 36.3311,
13.7636

136.3210, 47.1697,
37.4295

8.9910, 30.5704,
-5.2541

163.7620, 44.9803,
39.6737

7.8200, 19.8087,
-6.8581

188.2820, 32.8920,
43.6027

3.5510, 11.0674,
-3.1142


209.8010, 22.2831,
39.6395


0.0000, 0.0000,
0.0000


226.2370, 14.1802,


25.2252


 243.2600, 5.7878,
10.2960


 49.3860, 48.6167,
40.0035


 49.3860, 48.6167,
40.0035


 44.3800, 51.0847,
41.7627

 59.9850, 43.3914,
35.9702

 70.2850, 38.3135,
31.3221

 80.2970, 33.3776,
27.8035

 90.5970, 28.2997,
23.1554

 101.1960, 23.0744,
19.1221

■ 111.4960, 17.9965,
14.4740

■ 122.0950, 12.7712,
10.4407

■ 132.1070, 7.8352,
6.9222

■ 142.4070, 2.7573,
2.2741

Harmonies

Analogous

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



56.5550, 61.8444, -49.5987



49.3860, 48.6167, 40.0035



54.8540, 18.8060, 81.6890

Triad

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



49.3860, 48.6167, 40.0035



58.0760, -28.6315, 36.7673



58.6220, 16.4554, -51.4115

Complementary

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



49.3860, 48.6167, 40.0035



105.6140, -48.6167, -40.0035

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.



50.1520, -10.9209, -43.9833



49.3860, 48.6167, 40.0035



53.6700, -26.4593, -6.7266

Square

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



49.3860, 48.6167, 40.0035



41.2620, -20.3422, 84.8392



45.1990, -22.2831, -39.6395



65.5930, 40.6267, -57.5251

Rectangle

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



49.3860, 48.6167, 40.0035



53.3980, 0.2968, 91.7360



45.1990, -22.2831, -39.6395



56.3420, 7.7194, -49.4119

Sweetspot

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



49.3860, 48.6167, 40.0035



152.4360, 19.0121, 15.4036



54.7720, 45.9614, -41.8960



73.1550, 11.7556, 9.5111



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.



49.3860, 48.6167, 40.0035



57.3550, 65.8870, 54.0627



63.4090, 33.8154, 74.1863



68.9940, 2.4680, 1.7593



41.4460, 47.6011, 39.0739



2.9340, 3.4835, 2.6889

Inverse Universe

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



55.2010, 2.3659, 81.3847



65.3170, 3.2947, 110.2240



91.5910, -33.8154, -74.1863



69.3210, -0.1583, 4.1035



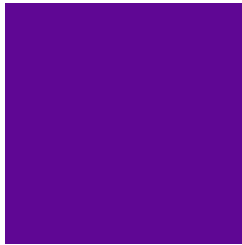
47.1900, 2.3713, 79.6404



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 49.3860, 48.6167, 40.0035 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

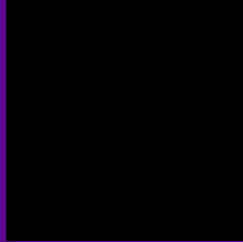
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.3860, 48.6167, 40.0035

Background



This preview shows how black text looks on a background with the YUV color 49.3860, 48.6167, 40.0035.



This preview shows how white text looks on a background with the YUV color 49.3860, 48.6167,

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

49.3860, 48.6167, 40.0035

Protanopia

51.2140, 38.8415, -44.9147

Deuteranopia

50.9230, 30.1110, -44.6595



Tritanopia

64.7350, -1.3484, 12.5104

Trichromacy



Original Color

49.3860, 48.6167, 40.0035

Protanomaly

50.7370, 42.5277, -13.8013

Deuteranomaly

50.5430, 36.7073, -13.6312

Tritanomaly

58.9100, 16.8064, 22.8809

Monochromacy



Original Color

49.3860, 48.6167, 40.0035

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.3820, 17.5597, 14.5740

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.3860, 48.6167, 40.0035 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(95, 7, 148)` looks like.

```
.text, #text, p{  
    color:rgb(95, 7, 148)  
}
```

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(95, 7, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 7, 148) }
```

Border

The CSS property to change the border of an element to YUV 49.3860, 48.6167, 40.0035 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(95, 7, 148) }
```


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

```
.border{ border-color:rgb(95, 7, 148) }
```

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

Here you see how a box with a 4 pixel rgb(95, 7, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 7, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 7, 148);  
box-shadow:4px 4px 4px 4px rgb(95, 7, 148)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.3860, 48.6167, 40.0035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 7, 148) }
```

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

```
.background{ background-color: rgb(95, 7,  
148) }
```

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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