

Converting Colors

YUV(47.9560, 50.8007, 39.5036)

Have a look what the booklet for
YUV(47.9560, 50.8007, 39.5036)
contains.

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Color

**YUV(47.9560, 50.8007,
39.5036)**

Conversions

Conversions Part 1

Format	Color
Hex	5D0597
RGB	93, 5, 151
RGB Percent	36%, 2%, 59%
CMY	0.6353, 0.9804, 0.4078
CMYK	0.38, 0.97, 0.00, 0.41
HSL	276°, 94%, 31%
HSV	276°, 97%, 59%
XYZ	10.1544, 4.6701, 29.6444
YIQ	47.9560, 5.5820, 64.0620

Conversions

Conversions Part 2

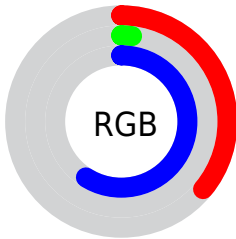
Format	Color
RYB	93, 5, 151
Decimal	6096279
CIELab	25.77, 57.19, -57.60
CIElCh	26, 81.174, 314.796
Yxy	4.6701, 0.2283, 0.1050
Android (android.graphics.Color)	4284286359 (0xFF5D0597)
YUV	47.9560, 50.8007, 39.5036
Hunter-Lab	21.6103, 46.0565, -66.2049

Details

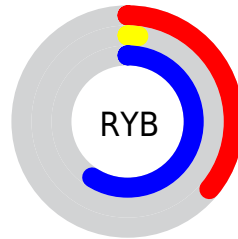
The YUV color **47.9560, 50.8007, 39.5036** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **108.0440, -50.8007, -39.5036**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.5380, 48.0488, 35.4852**, and **21.7510, 38.0838, 11.6194** is the 20% darker color. If you saturate the color by 10%, you get **44.4230, 52.5425, 40.8480**, and if you desaturate by 10%, it is **58.5550, 45.5754, 35.4703**.

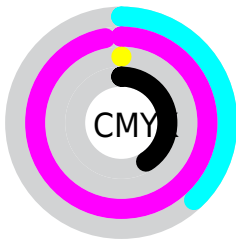
Distribution



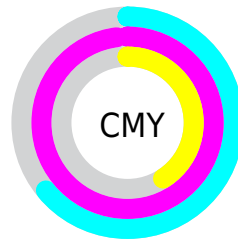
- Red (36%)
- Green (2%)
- Blue (59%)



- Red (36%)
- Yellow (2%)
- Blue (59%)



- Cyan (38%)
- Magenta (97%)
- Yellow (0%)
- Black (41%)



- Cyan (64%)
- Magenta (98%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.9560, 50.8007, 39.5036 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 47.9560, 50.8007, 39.5036 by changing the saturation by 10% instead.

47.9560, 50.8007,
39.5036

47.9560, 50.8007,
39.5036

255.0000, 0.0000,
0.0000

33.5710, 44.5815,
27.5632

108.5380, 48.0488,
35.4852

21.7510, 38.0838,
11.6194

135.7770, 48.9169,
37.0296

8.4360, 32.3231,
-7.3984

162.5770, 45.5645,
38.9590

8.0480, 20.6823,
-7.0581

187.3960, 33.3288,
43.5027

4.3660, 11.6516,
-3.8290


209.2140, 22.5725,
40.1543


0.0000, 0.0000,
0.0000


225.6500, 14.4696,


25.7400


 242.6730, 6.0772,
10.8108


 47.9560, 50.8007,
39.5036


 47.9560, 50.8007,
39.5036


 44.4230, 52.5425,
40.8480

 58.5550, 45.5754,
35.4703

 69.1540, 40.3501,
31.4369

 79.7530, 35.1248,
27.4036

 90.3520, 29.8995,
23.3703

 101.5380, 24.3848,
18.8222

■ 112.1370, 19.1595,
14.7889

■ 122.7360, 13.9342,
10.7555

■ 133.3350, 8.7088,
6.7222

■ 143.9340, 3.4835,
2.6889

Harmonies

Analogous

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



56.8970, 63.1548, -49.8987



47.9560, 50.8007, 39.5036



55.0820, 19.6796, 81.4891

Triad

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



47.9560, 50.8007, 39.5036



57.2010, -28.2001, 38.4117



58.5080, 16.0186, -51.3115

Complementary

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



47.9560, 50.8007, 39.5036



108.0440, -50.8007, -39.5036

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.



49.8100, -12.2313, -43.6834



47.9560, 50.8007, 39.5036



53.9690, -26.6067, -6.1118

Square

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



47.9560, 50.8007, 39.5036



41.5610, -20.4896, 85.4540



45.1990, -22.2831, -39.6395



65.7070, 41.0634, -57.6250

Rectangle

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



47.9560, 50.8007, 39.5036



53.8110, 0.5862, 92.2508



45.1990, -22.2831, -39.6395



55.5270, 7.1352, -48.6972

Sweetspot

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



47.9560, 50.8007, 39.5036



155.9630, 19.7382, 15.8184



55.6900, 46.9878, -44.4551



75.1550, 11.7556, 9.5111



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.



47.9560, 50.8007, 39.5036



57.6260, 68.2184, 52.9480



63.5880, 35.6991, 76.6603



71.1080, 2.9048, 1.6593



41.3750, 48.6221, 38.2591



3.8740, 4.4991, 3.6185

Inverse Universe

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



55.2660, 3.8129, 83.9587



67.4960, 5.1785, 112.6980



92.4120, -35.6991, -76.6603



71.7340, 0.1311, 4.6183



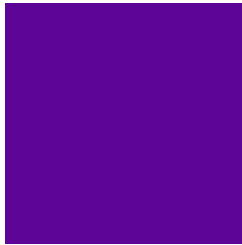
48.2440, 3.8237, 80.4700



4.4570, 0.2677, 7.4922

Previews

White Background



This preview shows how the YUV color 47.9560, 50.8007, 39.5036 looks on a white background.

Color Contrast Check

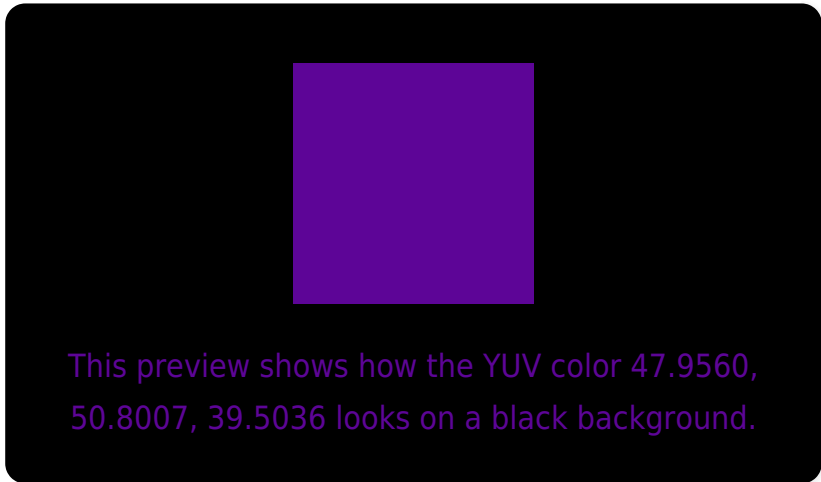
Large Text (above 18pt) WCAG AA ✓ Pass

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

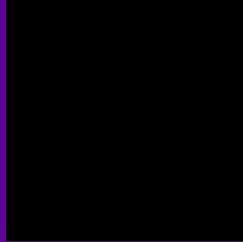
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.9560, 50.8007, 39.5036

Background



This preview shows how black text looks on a background with the YUV color 47.9560, 50.8007, 39.5036.



This preview shows how white text looks on a background with the YUV color 47.9560, 50.8007,

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

47.9560, 50.8007, 39.5036

Protanopia

50.5130, 38.6941, -44.2999

Deuteranopia

50.8090, 29.6742, -44.5595



Tritanopia

64.3540, -0.1745, 9.3365

Trichromacy



Original Color

47.9560, 50.8007, 39.5036

Protanomaly

49.8510, 42.9645, -13.9013

Deuteranomaly

49.7710, 37.5809, -13.8312

Tritanomaly

58.3550, 18.5590, 20.7367

Monochromacy



Original Color

47.9560, 50.8007, 39.5036

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.6100, 18.4333, 14.3740

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.9560, 50.8007, 39.5036 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(93, 5, 151)` looks like.

```
.text, #text, p{  
    color:rgb(93, 5, 151)  
}
```

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(93, 5, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 5, 151) }
```

Border

The CSS property to change the border of an element to YUV 47.9560, 50.8007, 39.5036 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(93, 5, 151) }
```


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

```
.border{ border-color:rgb(93, 5, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 5, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 5, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 5, 151);  
box-shadow:4px 4px 4px 4px rgb(93, 5, 151)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.9560, 50.8007, 39.5036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 5, 151) }
```

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

```
.background{ background-color: rgb(93, 5,  
151) }
```

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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