

Converting Colors

YUV(49.6090, 47.0278, 36.2999)

Have a look what the booklet for
YUV(49.6090, 47.0278, 36.2999)
contains.

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Color

**YUV(49.6090, 47.0278,
36.2999)**

Conversions

Conversions Part 1

Format	Color
Hex	5B0A91
RGB	91, 10, 145
RGB Percent	36%, 4%, 57%
CMY	0.6431, 0.9608, 0.4314
CMYK	0.37, 0.93, 0.00, 0.43
HSL	276°, 87%, 30%
HSV	276°, 93%, 57%
XYZ	9.5338, 4.4856, 27.1514
YIQ	49.6090, 4.9410, 59.1570

Conversions

Conversions Part 2

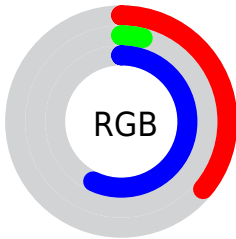
Format	Color
R_{YB}	91, 10, 145
Decimal	5966481
CIE _{Lab}	25.22, 54.66, -54.82
CIE _{LCh}	25, 77.417, 314.915
Yxy	4.4856, 0.2316, 0.1090
Android (android.graphics.Color)	4284156561 (0xFF5B0A91)
YUV	49.6090, 47.0278, 36.2999
Hunter-Lab	21.1791, 43.2880, -61.1836

Details

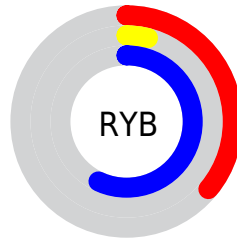
The YUV color **49.6090, 47.0278, 36.2999** is a dark color, and the websafe version is hex **660099**, and the color name is **metallic violet**. A complement of this color would be **105.3910, -47.0278, -36.2999**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.8430, 45.4334, 34.3407**, and **20.7680, 35.6104, 11.6045** is the 20% darker color. If you saturate the color by 10%, you get **42.5430, 50.5113, 38.9888**, and if you desaturate by 10%, it is **59.6210, 42.0918, 32.7814**.

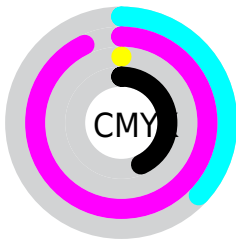
Distribution



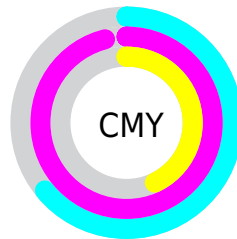
- Red (36%)
- Green (4%)
- Blue (57%)



- Red (36%)
- Yellow (4%)
- Blue (57%)



- Cyan (37%)
- Magenta (93%)
- Yellow (0%)
- Black (43%)



- Cyan (64%)
- Magenta (96%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.6090, 47.0278, 36.2999 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 49.6090, 47.0278, 36.2999 by changing the saturation by 10% instead.

49.6090, 47.0278,
36.2999

49.6090, 47.0278,
36.2999

255.0000, 0.0000,
0.0000

32.4030, 42.6923,
26.8336

107.8430, 45.4334,
34.3407

20.7680, 35.6104,
11.6045

134.6690, 46.0122,
35.3703

7.8660, 30.1391,
-6.8985

162.2670, 45.7174,
36.5998

6.8910, 18.7877,
-6.0434

186.7870, 33.6290,
40.5288

3.3230, 10.1938,
-2.9143


209.8010, 22.2831,
39.6395


0.0000, 0.0000,
0.0000


226.2370, 14.1802,


25.2252


 243.2600, 5.7878,
10.2960


 49.6090, 47.0278,
36.2999


 49.6090, 47.0278,
36.2999

 42.5430, 50.5113,
38.9888

 59.6210, 42.0918,
32.7814

 70.2200, 36.8665,
28.7481

 79.9330, 32.0780,
24.6148

 90.5320, 26.8527,
20.5814

 100.5440, 21.9168,
17.0629

■ 111.1430, 16.6915,
13.0296

■ 121.1550, 11.7556,
9.5111

■ 131.4550, 6.6777,
4.8630

■ 141.4670, 1.7418,
1.3444

Harmonies

Analogous

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



55.3980, 59.9498, -48.5840



49.6090, 47.0278, 36.2999



53.2450, 19.1062, 78.7151

Triad

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



49.6090, 47.0278, 36.2999



56.3040, -27.7579, 36.5674



57.1060, 15.7237, -50.0820

Complementary

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



49.6090, 47.0278, 36.2999



105.3910, -47.0278, -36.2999

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.



48.7500, -11.2157, -42.7537



49.6090, 47.0278, 36.2999



52.4960, -25.8805, -5.6970

Square

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



49.6090, 47.0278, 36.2999



40.3650, -19.8999, 82.9949



44.0250, -21.7043, -38.6099



63.9630, 39.4582, -56.0956

Rectangle

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



49.6090, 47.0278, 36.2999



51.9030, 1.0338, 88.6621



44.0250, -21.7043, -38.6099



54.8260, 6.9878, -48.0824

Sweetspot

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



49.6090, 47.0278, 36.2999



151.6100, 18.4333, 14.3740



57.0880, 43.3406, -41.2962



71.6280, 11.0294, 9.0962



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.



49.6090, 47.0278, 36.2999



55.3330, 65.8978, 50.5740



64.2730, 33.3894, 70.7976



66.2930, 2.3206, 2.3740



39.6090, 47.0278, 36.2999



2.4070, 2.7573, 2.2741

Inverse Universe

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



56.5210, 3.6871, 77.5961



65.0610, 4.8999, 108.6945



90.7270, -33.3894, -70.7976



66.4350, 0.2785, 4.0035



46.5210, 3.6871, 77.5961



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 49.6090, 47.0278, 36.2999 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

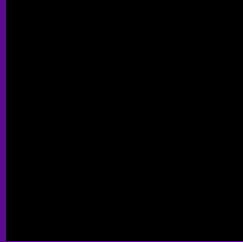
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.6090, 47.0278, 36.2999

Background



This preview shows how black text looks on a background with the YUV color 49.6090, 47.0278, 36.2999.



This preview shows how white text looks on a background with the YUV color 49.6090, 47.0278,

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

49.6090, 47.0278, 36.2999

Protanopia

49.5840, 37.6731, -43.4852

Deuteranopia

49.8800, 28.6532, -43.7448



Tritanopia

62.6530, -0.3219, 9.9513

Trichromacy



Original Color

49.6090, 47.0278, 36.2999

Protanomaly

49.6830, 41.0753, -14.6310

Deuteranomaly

49.4890, 35.2549, -14.4609

Tritanomaly

57.8880, 16.8172, 19.3922

Monochromacy



Original Color

49.6090, 47.0278, 36.2999

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.6700, 17.4177, 13.4444

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.6090, 47.0278, 36.2999 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(91, 10, 145)` looks like.

```
.text, #text, p{  
    color:rgb(91, 10, 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(91, 10, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 10, 145) }
```

Border

The CSS property to change the border of an element to YUV 49.6090, 47.0278, 36.2999 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(91, 10, 145) }
```


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

```
.border{ border-color:rgb(91, 10, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 10, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 10, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 10, 145);  
box-shadow:4px 4px 4px 4px rgb(91, 10,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 49.6090, 47.0278, 36.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 10, 145) }
```

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

```
.background{ background-color: rgb(91, 10,  
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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