

Converting Colors

YUV(49.6460, 37.6425, 59.9465)

Have a look what the booklet for
YUV(49.6460, 37.6425, 59.9465)
contains.

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Color

**YUV(49.6460, 37.6425,
59.9465)**

Conversions

Conversions Part 1

Format	Color
Hex	76007E
RGB	118, 0, 126
RGB Percent	46%, 0%, 49%
CMY	0.5373, 1.0000, 0.5059
CMYK	0.06, 1.00, 0.00, 0.51
HSL	296°, 100%, 25%
HSV	296°, 100%, 49%
XYZ	11.2371, 5.3579, 20.1806
YIQ	49.6460, 29.8820, 64.2020

Conversions

Conversions Part 2

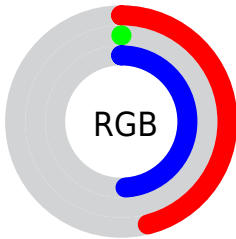
Format	Color
R_{YB}	118, 0, 126
Decimal	7733374
CIE _{Lab}	27.73, 56.90, -38.63
CIE _{LCh}	28, 68.779, 325.828
Yxy	5.3579, 0.3056, 0.1457
Android (android.graphics.Color)	4285923454 (0xFF76007E)
YUV	49.6460, 37.6425, 59.9465
Hunter-Lab	23.1472, 46.1478, -35.4883

Details

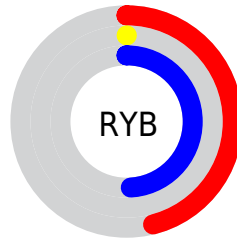
The YUV color **49.6460, 37.6425, 59.9465** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **76.3540, -37.6425, -59.9465**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.5220, 32.2807, 53.0392**, and **28.0990, 23.6152, 32.3622** is the 20% darker color. If you saturate the color by 10%, you get **49.6460, 37.6425, 59.9465**, and if you desaturate by 10%, it is **57.5760, 33.7330, 53.8688**.

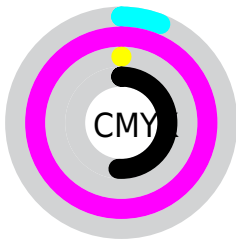
Distribution



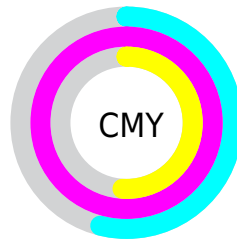
- Red (46%)
- Green (0%)
- Blue (49%)



- Red (46%)
- Yellow (0%)
- Blue (49%)



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)
- Black (51%)



- Cyan (54%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.6460, 37.6425, 59.9465 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 49.6460, 37.6425, 59.9465 by changing the saturation by 10% instead.

49.6460, 37.6425,
59.9465

49.6460, 37.6425,
59.9465

255.0000, 0.0000,
0.0000

38.7230, 30.7026,
45.8469

113.5220, 32.2807,
53.0392

28.0990, 23.6152,
32.3622

140.9350, 32.5700,
53.5540

18.3010, 17.1066,
19.9070

169.0600, 33.0014,
55.1984

3.4200, 13.1039,
-2.9993

194.5390, 29.8073,
53.0243

0.1140, 0.4368,
-0.1000

210.9750, 21.7043,
38.6099

0.0000, 0.0000,
0.0000

227.9980, 13.3120,

23.6808

■ 245.0210, 4.9196,
8.7516

■ 49.6460, 37.6425,
59.9465

■ 57.5760, 33.7330,
53.8688

■ 64.9190, 30.1129,
48.3060

■ 72.5500, 26.3509,
41.6136

■ 79.8930, 22.7308,
36.0508

■ 87.8230, 18.8213,
29.9732

■ 95.7530, 14.9118,
23.8956

■ 103.0960, 11.2917,
18.3328

■ 110.7270, 7.5296,
11.6404

■ 118.0700, 3.9095,
6.0776

Harmonies

Analogous

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



50.8670, 55.2816, -44.6104



49.6460, 37.6425, 59.9465



53.1010, 10.7962, 84.1034

Triad

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



49.6460, 37.6425, 59.9465



61.8200, -30.4773, 22.0829



63.1360, 23.5970, -55.3703

Complementary

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



49.6460, 37.6425, 59.9465



76.3540, -37.6425, -59.9465

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.



56.2790, -0.1375, -49.3567



49.6460, 37.6425, 59.9465



54.1910, -26.7162, -17.7075

Square

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



49.6460, 37.6425, 59.9465



56.1590, -27.6864, 60.3736



48.1340, -23.7301, -42.2135



66.8640, 42.9580, -58.6397

Rectangle

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



49.6460, 37.6425, 59.9465



50.1220, -4.4971, 89.3470



48.1340, -23.7301, -42.2135



60.4970, 16.0240, -53.0559

Sweetspot

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



49.6460, 37.6425, 59.9465



133.3400, 14.6224, 23.3808



19.0600, 52.7214, -16.7156



63.7920, 8.9765, 14.2144



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



49.6460, 37.6425, 59.9465



64.3290, 48.6448, 77.7645



45.7680, 12.4394, 70.3635



59.5920, 2.1731, 2.9888



50.1730, 38.3687, 60.3613



0.0000, 0.0000, 0.0000

Inverse Universe

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



38.5860, -15.0789, 76.6621



49.8770, -19.6594, 99.2089



80.2320, -12.4394, -70.3635



59.2070, -0.5951, 4.2035



39.1840, -15.3737, 77.8916



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 49.6460, 37.6425, 59.9465 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

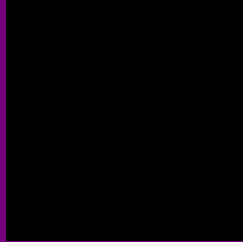
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.6460, 37.6425, 59.9465

Background



This preview shows how black text looks on a background with the YUV color 49.6460, 37.6425, 59.9465.



This preview shows how white text looks on a background with the YUV color 49.6460, 37.6425,

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

54.7020, 42.0519, -47.9737

Deuteranopia

63.8110, 26.7152, -28.7752

Tritanopia

67.3960, -7.0972, 36.4867

Trichromacy



Protanomaly

52.9010, 40.4748, -8.6832

Deuteranomaly

59.0460, 30.5433, 3.4677

Tritanomaly

60.8050, 9.4631, 44.8980

Monochromacy



Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.1010, 13.7542, 21.8364

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.6460, 37.6425, 59.9465 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(118, 0, 126)` looks like.

```
.text, #text, p{  
    color:rgb(118, 0, 126)  
}
```

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(118, 0, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 0, 126) }
```

Border

The CSS property to change the border of an element to YUV 49.6460, 37.6425, 59.9465 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(118, 0, 126) }
```

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

```
.border{ border-color:rgb(118, 0, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 0, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 0, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 0, 126);  
box-shadow:4px 4px 4px 4px rgb(118, 0,  
126) }
```


Background

The CSS property to change the background color of an element to YUV 49.6460, 37.6425, 59.9465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 0, 126) }
```

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

```
.background{ background-color: rgb(118, 0,  
126) }
```

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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