

Converting Colors

YUV(76.0460, 3.9213, 49.0717)

Have a look what the booklet for
YUV(76.0460, 3.9213, 49.0717)
contains.

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Color

**YUV(76.0460, 3.9213,
49.0717)**

Conversions

Conversions Part 1

Format	Color
Hex	842E54
RGB	132, 46, 84
RGB Percent	52%, 18%, 33%
CMY	0.4824, 0.8196, 0.6706
CMYK	0.00, 0.65, 0.36, 0.48
HSL	333°, 48%, 35%
HSV	333°, 65%, 52%
XYZ	12.0929, 7.4996, 9.1977
YIQ	76.0460, 39.0580, 30.0500

Conversions

Conversions Part 2

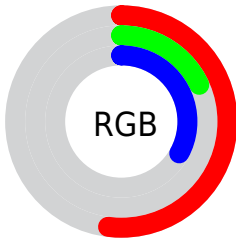
Format	Color
RYB	132, 46, 84
Decimal	8662612
CIELab	32.92, 40.62, -3.41
CIELCh	33, 40.767, 355.198
Yxy	7.4996, 0.4200, 0.2605
Android (android.graphics.Color)	4286852692 (0xFF842E54)
YUV	76.0460, 3.9213, 49.0717
Hunter-Lab	27.3854, 30.8981, -0.7434

Details

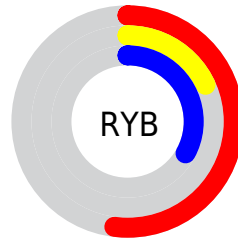
The YUV color **76.0460, 3.9213, 49.0717** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **101.9540, -3.9213, -49.0717**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.3130, 2.3107, 52.3455**, and **27.7680, 5.5374, 44.0535** is the 20% darker color. If you saturate the color by 10%, you get **67.6170, 4.6258, 56.4639**, and if you desaturate by 10%, it is **84.4750, 3.2168, 41.6794**.

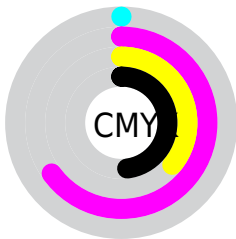
Distribution



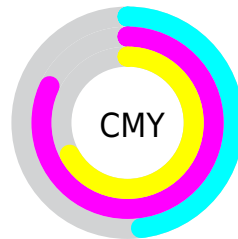
- Red (52%)
- Green (18%)
- Blue (33%)



- Red (52%)
- Yellow (18%)
- Blue (33%)



- Cyan (0%)
- Magenta (65%)
- Yellow (36%)
- Black (48%)





- Cyan (48%)
- Magenta (82%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YUV color 76.0460, 3.9213, 49.0717 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 76.0460, 3.9213, 49.0717 by changing the saturation by 10% instead.


 76.0460, 3.9213,
49.0717

 76.0460, 3.9213,
49.0717


255.0000, 0.0000,
0.0000


 48.9150, 5.9579,
49.1865


 128.3130, 2.3107,
52.3455


 27.7680, 5.5374,
44.0535

 155.3240, 2.3053,
54.0899


 18.3120, 0.3392,
31.2984

 182.9220, 2.0105,
55.3194

 6.5780, -3.2430,
13.5251

 205.1270, 4.3744,
43.7386

 0.0000, 0.0000,
0.0000

 224.8690, 8.9386,
26.4249

 242.6730, 6.0772,

10.8108

■ 76.0460, 3.9213,
49.0717

■ 76.0460, 3.9213,
49.0717

■ 67.6170, 4.6258,
56.4639

■ 84.4750, 3.2168,
41.6794

■ 59.0740, 4.8935,
63.9561

■ 93.0180, 2.9491,
34.1872

■ 50.0580, 5.8874,
71.8631

■ 102.0340, 1.9552,
26.2802

■ 46.0800, 5.8766,
75.3518

■ 110.4630, 1.2507,
18.8879

■ 119.0060, 0.9830,
11.3957

■ 127.4350, 0.2785,
4.0035

■ 135.9780, 0.0108,
-3.4887

■ 144.9940, -0.9830,
-11.3957

■ 153.4230, -1.6875,
-18.7880

Harmonies

Analogous

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



79.7580, 17.3743, 27.3992



76.0460, 3.9213, 49.0717



74.7570, -11.2192, 51.9561

Triad

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



76.0460, 3.9213, 49.0717



70.4810, -29.8171, -3.0528



67.6500, 30.7385, -59.3291

Complementary

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



76.0460, 3.9213, 49.0717



101.9540, -3.9213, -49.0717

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.



65.8600, 18.8030, -57.7592



76.0460, 3.9213, 49.0717



62.6690, -11.6688, -37.4207

Square

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



76.0460, 3.9213, 49.0717



73.0820, -34.5504, 21.8531



62.0980, 4.3887, -54.4599



64.9090, 38.0059, -56.9252

Rectangle

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



76.0460, 3.9213, 49.0717



75.1940, -20.8016, 45.4339



62.0980, 4.3887, -54.4599



67.3250, 26.9548, -59.0440

Sweetspot

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



76.0460, 3.9213, 49.0717



148.8760, 1.5401, 19.4027



69.8570, 30.6365, 20.2964



73.3050, 0.8356, 12.0105



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



76.0460, 3.9213, 49.0717



84.3790, 5.7292, 75.9666



74.0620, -13.8346, 50.8116



62.1360, 0.4260, 3.3887



45.3680, 5.7346, 74.2223



1.0110, -0.0054, 1.7444

Inverse Universe

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



76.0460, 3.9213, 49.0717



84.3790, 5.7292, 75.9666



103.9380, 13.8346, -50.8116



62.1360, 0.4260, 3.3887



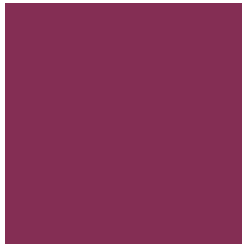
45.3680, 5.7346, 74.2223



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 76.0460, 3.9213, 49.0717 looks on a white background.

Color Contrast Check

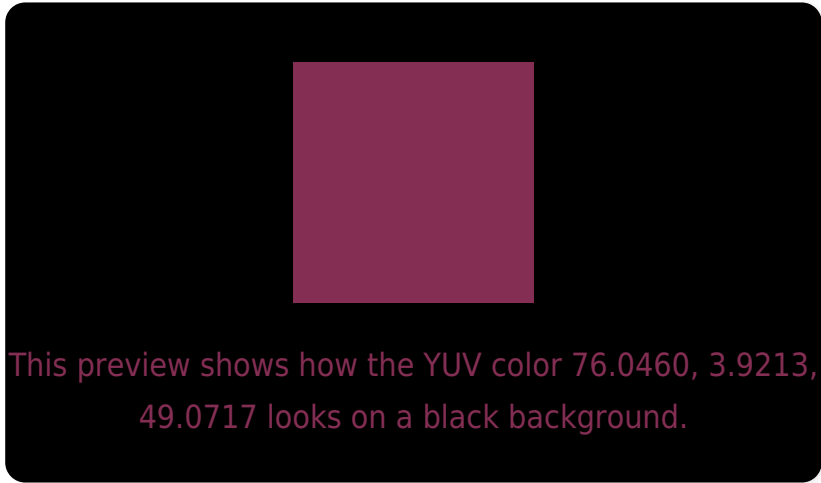
Large Text (above 18pt) WCAG AA ✓ Pass

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

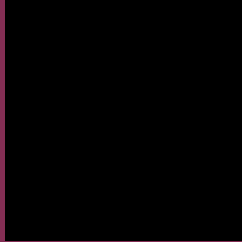
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.0460, 3.9213, 49.0717

Background



This preview shows how black text looks on a background with the YUV color 76.0460, 3.9213, 49.0717.



This preview shows how white text looks on a background with the YUV color 76.0460, 3.9213,

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

76.0460, 3.9213, 49.0717

Protanopia

78.2840, 12.6780, -6.3881

Deuteranopia

79.1470, 0.4205, 5.1331



Tritanopia

75.7780, -9.7506, 47.5527

Trichromacy



Original Color

76.0460, 3.9213, 49.0717

Protanomaly

77.6070, 9.5607, 13.4997

Deuteranomaly

77.8870, 1.5347, 21.1471

Tritanomaly

76.0430, -4.9512, 48.1973

Monochromacy



Original Color

76.0460, 3.9213, 49.0717

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8650, 1.5456, 17.6584

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.0460, 3.9213, 49.0717 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(132, 46, 84)` looks like.

```
.text, #text, p{  
    color:rgb(132, 46, 84)  
}
```

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(132, 46, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 46, 84) }
```

Border

The CSS property to change the border of an element to YUV 76.0460, 3.9213, 49.0717 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(132, 46, 84) }
```


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

```
.border{ border-color:rgb(132, 46, 84) }
```

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

Here you see how a box with a 4 pixel rgb(132, 46, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 46, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 46, 84);  
box-shadow:4px 4px 4px 4px rgb(132, 46,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 76.0460, 3.9213, 49.0717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 46, 84) }
```

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

```
.background{ background-color: rgb(132, 46,  
84) }
```

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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