

Converting Colors

YUV(74.8530, 13.3835, 47.4869)

Have a look what the booklet for
YUV(74.8530, 13.3835, 47.4869)
contains.

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Color

**YUV(74.8530, 13.3835,
47.4869)**

Conversions

Conversions Part 1

Format	Color
Hex	812A66
RGB	129, 42, 102
RGB Percent	51%, 16%, 40%
CMY	0.4941, 0.8353, 0.6000
CMYK	0.00, 0.67, 0.21, 0.49
HSL	319°, 51%, 34%
HSV	319°, 67%, 51%
XYZ	12.2795, 7.2824, 13.3288
YIQ	74.8530, 32.5920, 37.1040

Conversions

Conversions Part 2

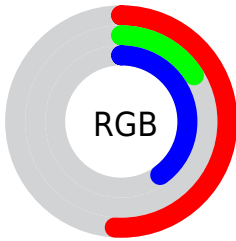
Format	Color
R_{YB}	129, 42, 102
Decimal	8464998
CIE _{Lab}	32.44, 43.97, -15.79
CIE _{LCh}	32, 46.715, 340.249
Yxy	7.2824, 0.3733, 0.2214
Android (android.graphics.Color)	4286655078 (0xFF812A66)
YUV	74.8530, 13.3835, 47.4869
Hunter-Lab	26.9859, 33.9984, -10.3943

Details

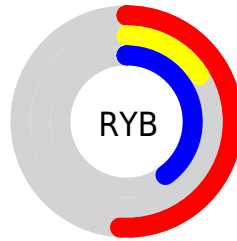
The YUV color **74.8530, 13.3835, 47.4869** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **96.1470, -13.3835, -47.4869**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.6360, 12.5045, 49.4312**, and **28.9940, 12.8210, 41.2243** is the 20% darker color. If you saturate the color by 10%, you get **66.7660, 15.3984, 54.5792**, and if you desaturate by 10%, it is **82.9400, 11.3686, 40.3946**.

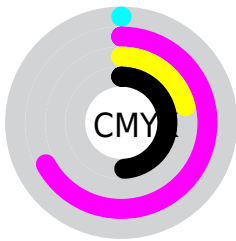
Distribution



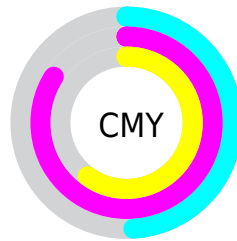
- Red (51%)
- Green (16%)
- Blue (40%)



- Red (51%)
- Yellow (16%)
- Blue (40%)



- Cyan (0%)
- Magenta (67%)
- Yellow (21%)
- Black (49%)



- Cyan (49%)
- Magenta (84%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.8530, 13.3835, 47.4869 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 74.8530, 13.3835, 47.4869 by changing the saturation by 10% instead.

74.8530, 13.3835,
47.4869

74.8530, 13.3835,
47.4869

255.0000, 0.0000,
0.0000

45.8470, 15.8514,
49.2462

127.6360, 12.5045,
49.4312

28.9940, 12.8210,
41.2243

154.6470, 12.4990,
51.1756

19.4240, 7.1860,
28.5692

182.3590, 12.6410,
52.3052

7.3760, -0.1854,
12.8252

205.2870, 15.1415,
43.5983

0.0000, 0.0000,
0.0000

224.4760, 15.0483,
26.7695

240.9120, 6.9454,

12.3552

■ 74.8530, 13.3835,
47.4869

■ 74.8530, 13.3835,
47.4869

■ 66.7660, 15.3984,
54.5792

■ 82.9400, 11.3686,
40.3946

■ 58.6790, 17.4133,
61.6715

■ 91.0270, 9.3537,
33.3023

■ 50.5920, 19.4281,
68.7638

■ 99.1140, 7.3388,
26.2100

■ 48.7170, 19.8595,
70.4082

■ 107.2010, 5.3239,
19.1177

■ 114.7010, 3.5984,
12.5402

■ 122.7880, 1.5835,
5.4479

■ 130.8750, -0.4314,
-1.6444

■ 138.9620, -2.4463,
-8.7367

■ 147.0490, -4.4612,
-15.8290

Harmonies

Analogous

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



78.1890, 27.0218, 12.9892



74.8530, 13.3835, 47.4869



70.1140, -2.5212, 62.1670

Triad

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



74.8530, 13.3835, 47.4869



70.5920, -34.8019, 9.1278



68.0260, 27.1022, -59.6588

Complementary

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



74.8530, 13.3835, 47.4869



96.1470, -13.3835, -47.4869

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.



64.6230, 11.5249, -56.6744



74.8530, 13.3835, 47.4869



64.2830, -26.2685, -21.2962

Square

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



74.8530, 13.3835, 47.4869



71.6430, -35.3200, 35.3931



59.1170, -4.4947, -51.8456



67.7130, 38.5955, -59.3843

Rectangle

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



74.8530, 13.3835, 47.4869



71.2910, -14.4405, 58.5038



59.1170, -4.4947, -51.8456



67.4730, 22.4448, -59.1738

Sweetspot

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



74.8530, 13.3835, 47.4869



147.4890, 5.1819, 17.9881



59.6920, 34.1688, 7.2861



71.5760, 3.1670, 10.8958



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



74.8530, 13.3835, 47.4869



83.3800, 21.0117, 74.2117



69.9510, -5.3988, 51.7860



59.6630, 1.1521, 3.8035



48.3040, 19.5701, 69.8934



0.0000, 0.0000, 0.0000

Inverse Universe

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



74.8530, 13.3835, 47.4869



83.3800, 21.0117, 74.2117



101.0490, 5.3988, -51.7860



59.6630, 1.1521, 3.8035



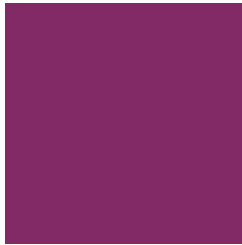
48.3040, 19.5701, 69.8934



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 74.8530, 13.3835, 47.4869 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

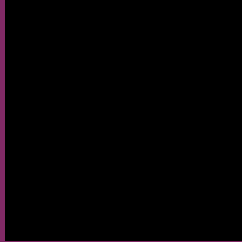
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.8530, 13.3835, 47.4869

Background



This preview shows how black text looks on a background with the YUV color 74.8530, 13.3835, 47.4869.



This preview shows how white text looks on a background with the YUV color 74.8530, 13.3835,

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

74.8530, 13.3835, 47.4869

Protanopia

75.9480, 25.6616, -17.4944

Deuteranopia

78.0950, 9.3202, -2.7143



Tritanopia

75.6850, -8.7187, 43.2493

Trichromacy



Original Color

74.8530, 13.3835, 47.4869

Protanomaly

75.9510, 21.2232, 6.1820

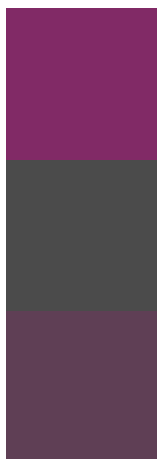
Deuteranomaly

77.2590, 10.7183, 15.5589

Tritanomaly

75.4600, -0.7198, 44.3236

Monochromacy



Original Color

74.8530, 13.3835, 47.4869

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.0760, 4.8925, 17.4733

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.8530, 13.3835, 47.4869 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(129, 42, 102)` looks like.

```
.text, #text, p{  
    color:rgb(129, 42, 102)  
}
```

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(129, 42, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 42, 102) }
```

Border

The CSS property to change the border of an element to YUV 74.8530, 13.3835, 47.4869 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(129, 42, 102) }
```


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

```
.border{ border-color:rgb(129, 42, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 42, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 42, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 42, 102);  
box-shadow:4px 4px 4px 4px rgb(129, 42,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 74.8530, 13.3835, 47.4869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 42, 102) }
```

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

```
.background{ background-color: rgb(129, 42,  
102) }
```

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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