

Converting Colors

YUV(74.7870, 47.4330, 93.1488)

Have a look what the booklet for
YUV(74.7870, 47.4330, 93.1488)
contains.

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Color

**YUV(74.7870, 47.4330,
93.1488)**

Conversions

Conversions Part 1

Format	Color
Hex	B502AB
RGB	181, 2, 171
RGB Percent	71%, 1%, 67%
CMY	0.2902, 0.9922, 0.3294
CMYK	0.00, 0.99, 0.06, 0.29
HSL	303°, 98%, 36%
HSV	303°, 99%, 71%
XYZ	26.4284, 12.8074, 39.6072
YIQ	74.7870, 52.4350, 90.5070

Conversions

Conversions Part 2

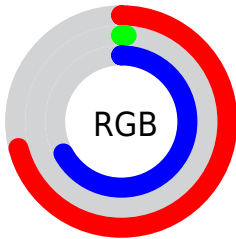
Format	Color
RYB	181, 2, 171
Decimal	11862699
CIELab	42.47, 74.32, -41.96
CIElCh	42, 85.341, 330.552
Yxy	12.8074, 0.3352, 0.1624
Android (android.graphics.Color)	4290052779 (0xFFB502AB)
YUV	74.7870, 47.4330, 93.1488
Hunter-Lab	35.7875, 69.1911, -40.5670

Details

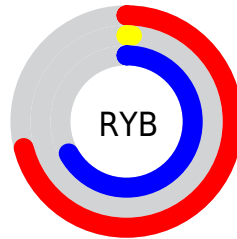
The YUV color **74.7870, 47.4330, 93.1488** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **108.2130, -47.4330, -93.1488**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.0060, 38.4510, 80.6787**, and **50.2290, 33.4111, 63.8202** is the 20% darker color. If you saturate the color by 10%, you get **73.6130, 48.0118, 94.1784**, and if you desaturate by 10%, it is **85.4670, 42.6608, 83.7824**.

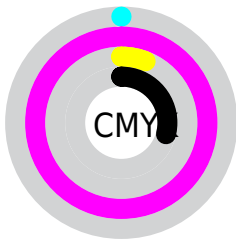
Distribution



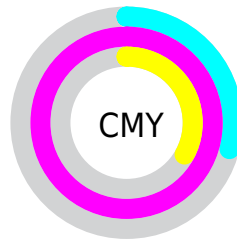
- Red (71%)
- Green (1%)
- Blue (67%)



- Red (71%)
- Yellow (1%)
- Blue (67%)



- Cyan (0%)
- Magenta (99%)
- Yellow (6%)
- Black (29%)





- Cyan (29%)
- Magenta (99%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 74.7870, 47.4330, 93.1488 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 74.7870, 47.4330, 93.1488 by changing the saturation by 10% instead.


 74.7870, 47.4330,
93.1488


 74.7870, 47.4330,
93.1488


255.0000, 0.0000,
0.0000


 61.8640, 40.4930,
79.0493


 149.0060, 38.4510,
80.6787


 50.2290, 33.4111,
63.8202


 173.9940, 39.9360,
71.0423


 39.0070, 26.6185,
49.1059

 191.0170, 31.5436,
56.1131

 28.1980, 20.1154,
34.9064

 208.0400, 23.1513,
41.1839

 17.0900, 13.7596,
20.0921

 225.6500, 14.4696,
25.7400

 3.2090, 9.7570,
-2.8143

 242.6730, 6.0772,

 0.0000, 0.0000,

10.8108

0.0000

■ 74.7870, 47.4330,
93.1488

■ 74.7870, 47.4330,
93.1488

■ 73.6130, 48.0118,
94.1784

■ 85.4670, 42.6608,
83.7824

■ 96.1470, 37.8885,
74.4161

■ 106.8270, 33.1163,
65.0497

■ 117.5070, 28.3440,
55.6834

■ 128.7740, 23.2824,
45.8022

■ 139.4540, 18.5102,
36.4358

■ 150.1340, 13.7379,
27.0695

■ 160.8140, 8.9657,
17.7031

■ 171.4940, 4.1935,
8.3368

Harmonies

Analogous

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



96.1170, 63.0463, -15.0116



74.7870, 47.4330, 93.1488



75.9130, 12.8609, 121.9793

Triad

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



74.7870, 47.4330, 93.1488



94.0040, -46.3440, 24.5525



94.6300, 37.6504, -82.9905

Complementary

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



74.7870, 47.4330, 93.1488



108.2130, -47.4330, -93.1488

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.



85.9490, 6.9271, -75.3773



74.7870, 47.4330, 93.1488



81.8460, -40.3501, -31.4369

Square

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



74.7870, 47.4330, 93.1488



90.4800, -44.6066, 74.1240



74.7260, -28.4589, -65.5347



98.4380, 62.3951, -86.3301

Rectangle

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



74.7870, 47.4330, 93.1488



70.7830, -6.7950, 126.4783



74.7260, -28.4589, -65.5347



92.0080, 27.6041, -80.6910

Sweetspot

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



74.7870, 47.4330, 93.1488



192.8670, 18.7996, 36.9506



25.0970, 76.8602, -12.3631



92.1180, 11.2808, 21.8215



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



74.7870, 47.4330, 93.1488



95.4590, 61.8917, 122.3775



64.7550, 8.9948, 101.9469



83.7170, 2.6045, 4.6332



62.1630, 40.3456, 79.6640



10.5100, 6.6506, 13.5847

Inverse Universe

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



74.7870, 47.4330, 93.1488



95.4590, 61.8917, 122.3775



118.2450, -8.9948, -101.9469



83.7170, 2.6045, 4.6332



62.1630, 40.3456, 79.6640



10.5100, 6.6506, 13.5847

Previews

White Background



This preview shows how the YUV color 74.7870, 47.4330, 93.1488 looks on a white background.

Color Contrast Check

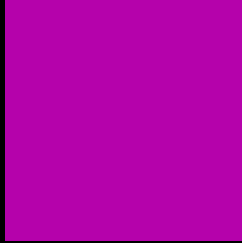
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 74.7870, 47.4330, 93.1488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

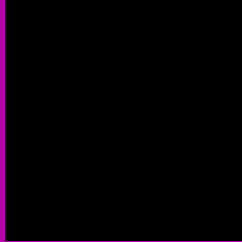
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.7870, 47.4330, 93.1488

Background



This preview shows how black text looks on a background with the YUV color 74.7870, 47.4330, 93.1488.



This preview shows how white text looks on a background with the YUV color 74.7870, 47.4330,

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

74.7870, 47.4330, 93.1488

Protanopia

81.9390, 62.6411, -71.8605

Deuteranopia

99.4570, 30.3407, -24.9568



Tritanopia

98.5520, -13.5831, 63.5369

Trichromacy



Original Color

74.7870, 47.4330, 93.1488



Protanomaly

79.5320, 56.9257, -11.8676



Deuteranomaly

90.7410, 36.6097, 17.7671



Tritanomaly

89.7640, 8.4973, 74.7520

Monochromacy



Original Color

74.7870, 47.4330, 93.1488



Achromatopsia

75.0000, 0.0000, 0.0000



Achromatomaly

74.8020, 17.3526, 34.3766

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.7870, 47.4330, 93.1488 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(181, 2, 171)` looks like.

```
.text, #text, p{  
    color:rgb(181, 2, 171)  
}
```

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(181, 2, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 2, 171) }
```

Border

The CSS property to change the border of an element to YUV 74.7870, 47.4330, 93.1488 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(181, 2, 171) }
```


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

```
.border{ border-color:rgb(181, 2, 171) }
```

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

Here you see how a box with a 4 pixel rgb(181, 2, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 2, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 2, 171);  
box-shadow:4px 4px 4px 4px rgb(181, 2,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 74.7870, 47.4330, 93.1488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 2, 171) }
```

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

```
.background{ background-color: rgb(181, 2,  
171) }
```

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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