

Converting Colors

YUV(47.9120, 3.9874, 74.6222)

Have a look what the booklet for
YUV(47.9120, 3.9874, 74.6222)
contains.

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Color

**YUV(47.9120, 3.9874,
74.6222)**

Conversions

Conversions Part 1

Format	Color
Hex	850338
RGB	133, 3, 56
RGB Percent	52%, 1%, 22%
CMY	0.4784, 0.9882, 0.7804
CMYK	0.00, 0.98, 0.58, 0.48
HSL	336°, 96%, 27%
HSV	336°, 98%, 52%
XYZ	10.4192, 5.3372, 4.2224
YIQ	47.9120, 60.4670, 44.0430

Conversions

Conversions Part 2

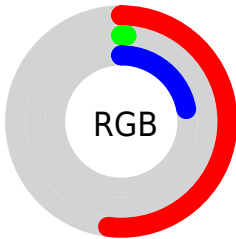
Format	Color
R_YB	133, 3, 56
Decimal	8717112
CIE Lab	27.67, 51.04, 7.60
CIE LCh	28, 51.607, 8.474
Yxy	5.3372, 0.5215, 0.2671
Android (android.graphics.Color)	4286907192 (0xFF850338)
YUV	47.9120, 3.9874, 74.6222
Hunter-Lab	23.1024, 40.0749, 5.3353

Details

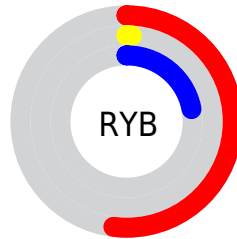
The YUV color **47.9120, 3.9874, 74.6222** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **88.0880, -3.9874, -74.6222**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.5280, -3.7113, 70.5739**, and **24.5050, -5.6720, 46.0381** is the 20% darker color. If you saturate the color by 10%, you get **45.9230, 3.9820, 76.3665**, and if you desaturate by 10%, it is **56.4550, 3.7197, 67.1300**.

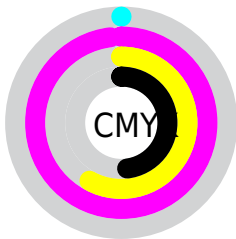
Distribution



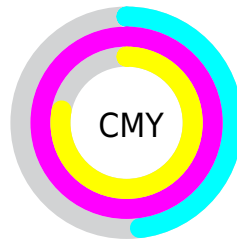
- Red (52%)
- Green (1%)
- Blue (22%)



- Red (52%)
- Yellow (1%)
- Blue (22%)



- Cyan (0%)
- Magenta (98%)
- Yellow (58%)
- Black (48%)



- Cyan (48%)
- Magenta (99%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.9120, 3.9874, 74.6222 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 47.9120, 3.9874, 74.6222 by changing the saturation by 10% instead.

47.9120, 3.9874,
74.6222

47.9120, 3.9874,
74.6222

255.0000, 0.0000,
0.0000

35.0860, -0.0424,
60.4376

110.5280, -3.7113,
70.5739

24.5050, -5.6720,
46.0381

138.0830, -5.4639,
72.7182

15.4770, -6.6442,
31.1537

166.1650, -6.4903,
75.2773


0.0000, 0.0000,
0.0000


185.9890, -2.9526,
60.5226


205.6170, 1.1748,
43.3089


225.8320, 5.0128,

25.5803

 245.0210, 4.9196,
8.7516

 47.9120, 3.9874,
74.6222


 47.9120, 3.9874,
74.6222

 45.9230, 3.9820,
76.3665

 56.4550, 3.7197,
67.1300

 65.5850, 3.1626,
59.1230

 74.1280, 2.8949,
51.6307

 82.6710, 2.6272,
44.1385

 91.6870, 1.6333,
36.2315

■ 100.2300, 1.3656,
28.7393

■ 108.7730, 1.0979,
21.2471

■ 117.3160, 0.8302,
13.7549

■ 126.4460, 0.2731,
5.7479

Harmonies

Analogous

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



58.7380, 17.8772, 52.8498



47.9120, 3.9874, 74.6222



56.6350, -19.5401, 60.8331

Triad

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



47.9120, 3.9874, 74.6222



51.7880, -25.5315, -24.3701



61.1590, 38.8686, -53.6364

Complementary

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



47.9120, 3.9874, 74.6222



88.0880, -3.9874, -74.6222

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.



60.5430, 26.3543, -53.0962



47.9120, 3.9874, 74.6222



50.8360, -8.3001, -44.5832

Square

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



47.9120, 3.9874, 74.6222



60.5580, -29.8551, 9.1576



56.7980, 9.4666, -49.8118



55.8590, 43.9465, -48.9883

Rectangle

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



47.9120, 3.9874, 74.6222



59.9030, -29.5322, 45.6891



56.7980, 9.4666, -49.8118



61.5350, 35.2322, -53.9662

Sweetspot

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



47.9120, 3.9874, 74.6222



140.3440, 1.8024, 28.6393



40.5440, 45.5808, 33.7259



66.7510, 1.1088, 17.7584



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.



47.9120, 3.9874, 74.6222



59.8210, 5.5112, 99.2580



48.3270, -22.3462, 74.2582



62.0220, -0.0108, 3.4887



44.9120, 3.9874, 74.6222



1.0110, -0.0054, 1.7444

Inverse Universe

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



47.9120, 3.9874, 74.6222



59.8210, 5.5112, 99.2580



87.6730, 22.3462, -74.2582



62.0220, -0.0108, 3.4887



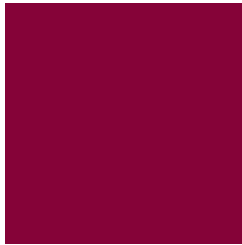
44.9120, 3.9874, 74.6222



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 47.9120, 3.9874, 74.6222 looks on a white background.

Color Contrast Check

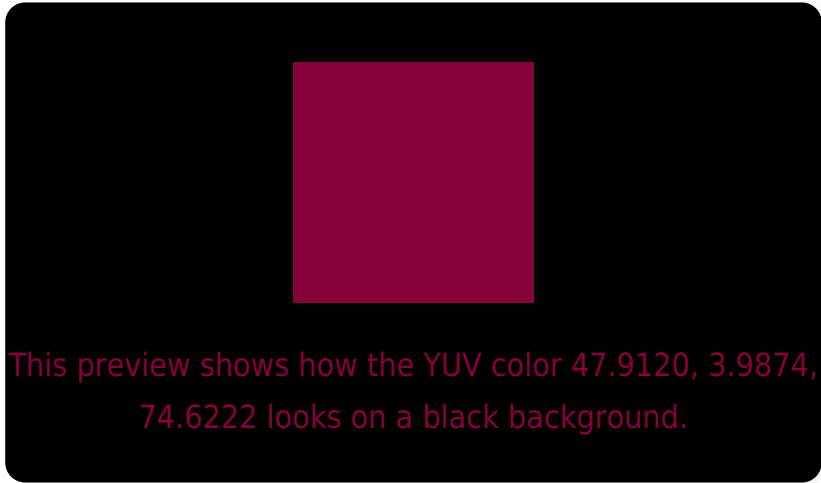
Large Text (above 18pt) WCAG AA ✓ Pass

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

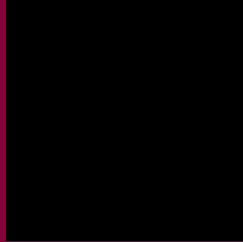
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.9120, 3.9874, 74.6222

Background



This preview shows how black text looks on a background with the YUV color 47.9120, 3.9874, 74.6222.



This preview shows how white text looks on a background with the YUV color 47.9120, 3.9874,

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

47.9120, 3.9874, 74.6222

Protanopia

68.8840, 5.9732, -2.5293

Deuteranopia

68.6610, -9.1999, 10.8213



Tritanopia

54.8900, -16.2148, 67.6255

Trichromacy



Original Color

47.9120, 3.9874, 74.6222

Protanomaly

60.9460, 5.4496, 25.4804

Deuteranomaly

61.0690, -4.4710, 34.1425

Tritanomaly

52.1490, -8.9475, 70.0293

Monochromacy



Original Color

47.9120, 3.9874, 74.6222

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.2190, 1.3710, 26.9949

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.9120, 3.9874, 74.6222 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(133, 3, 56)` looks like.

```
.text, #text, p{  
    color:rgb(133, 3, 56)  
}
```

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(133, 3, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 3, 56) }
```

Border

The CSS property to change the border of an element to YUV 47.9120, 3.9874, 74.6222 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(133, 3, 56) }
```


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

```
.border{ border-color:rgb(133, 3, 56) }
```

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

Here you see how a box with a 4 pixel rgb(133, 3, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 3, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 3, 56);  
box-shadow:4px 4px 4px 4px rgb(133, 3, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.9120, 3.9874, 74.6222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 3, 56) }
```

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

```
.background{ background-color: rgb(133, 3,  
56) }
```

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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