

Converting Colors

YUV(72.5870, 44.0806, 95.0782)

Have a look what the booklet for
YUV(72.5870, 44.0806, 95.0782)
contains.

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Color

**YUV(72.5870, 44.0806,
95.0782)**

Conversions

Conversions Part 1

Format	Color
Hex	B500A2
RGB	181, 0, 162
RGB Percent	71%, 0%, 64%
CMY	0.2902, 1.0000, 0.3647
CMYK	0.00, 1.00, 0.10, 0.29
HSL	306°, 100%, 35%
HSV	306°, 100%, 71%
XYZ	25.5776, 12.4324, 35.2340
YIQ	72.5870, 55.8740, 88.7540

Conversions

Conversions Part 2

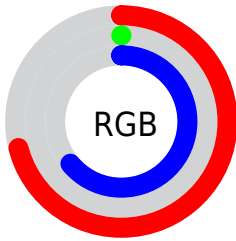
Format	Color
RYB	181, 0, 162
Decimal	11862178
CIELab	41.90, 73.26, -37.49
CIELCh	42, 82.294, 332.900
Yxy	12.4324, 0.3492, 0.1697
Android (android.graphics.Color)	4290052258 (0xFFB500A2)
YUV	72.5870, 44.0806, 95.0782
Hunter-Lab	35.2596, 67.7813, -34.5653

Details

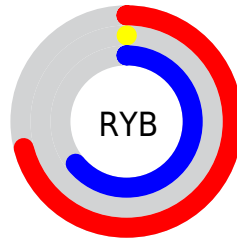
The YUV color **72.5870, 44.0806, 95.0782** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **108.4130, -44.0806, -95.0782**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.2790, 34.3725, 82.1933**, and **49.3170, 29.9167, 64.6200** is the 20% darker color. If you saturate the color by 10%, you get **72.5870, 44.0806, 95.0782**, and if you desaturate by 10%, it is **83.3810, 39.7452, 85.6119**.

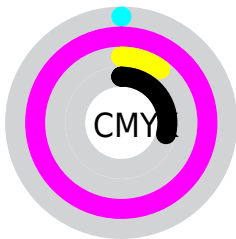
Distribution



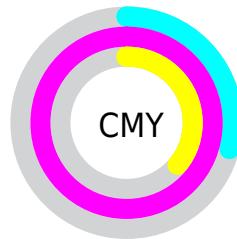
- Red (71%)
- Green (0%)
- Blue (64%)



- Red (71%)
- Yellow (0%)
- Blue (64%)



- Cyan (0%)
- Magenta (100%)
- Yellow (10%)
- Black (29%)





- Cyan (29%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 72.5870, 44.0806, 95.0782 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 72.5870, 44.0806, 95.0782 by changing the saturation by 10% instead.


 72.5870, 44.0806,
95.0782


 72.5870, 44.0806,
95.0782


255.0000, 0.0000,
0.0000


 60.8380, 36.5619,
79.9491


 147.2790, 34.3725,
82.1933


 49.3170, 29.9167,
64.6200


 172.3810, 36.2942,
72.4569


 38.0950, 23.1242,
49.9057


 190.4300, 31.8330,
56.6279

 27.5850, 16.4736,
36.3210

 207.4530, 23.4407,
41.6987

 16.2920, 10.7020,
20.7919

 224.4760, 15.0483,
26.7695

 2.2970, 6.2626,
-2.0145

 242.0860, 6.3666,

 0.0000, 0.0000,

11.3256

0.0000

■ 72.5870, 44.0806,
95.0782

■ 83.3810, 39.7452,
85.6119

■ 94.1750, 35.4097,
76.1455

■ 104.9690, 31.0743,
66.6792

■ 115.7630, 26.7388,
57.2128

■ 127.1440, 22.1140,
47.2317

■ 137.8240, 17.3418,
37.8654

■ 148.6180, 13.0063,
28.3990

■ 159.4120, 8.6709,
18.9327

■ 170.2060, 4.3354,
9.4663

Harmonies

Analogous

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



96.9290, 58.2090, -3.4457



72.5870, 44.0806, 95.0782



74.0330, 10.8297, 120.1201

Triad

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



72.5870, 44.0806, 95.0782



92.4980, -45.6015, 19.7343



93.5700, 38.6660, -82.0609

Complementary

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



72.5870, 44.0806, 95.0782



108.4130, -44.0806, -95.0782

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.



85.2310, 9.2531, -74.7476



72.5870, 44.0806, 95.0782



78.8670, -38.8814, -35.8404

Square

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



72.5870, 44.0806, 95.0782



90.7350, -44.7324, 67.7614



74.8060, -23.0754, -65.6049



96.2210, 61.5160, -84.3858

Rectangle

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



72.5870, 44.0806, 95.0782



68.4190, -8.0946, 123.2895



74.8060, -23.0754, -65.6049



91.0620, 29.0564, -79.8614

Sweetspot

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



72.5870, 44.0806, 95.0782



192.4110, 17.0524, 37.3506



26.0160, 76.4071, -7.0300



91.8900, 10.4072, 22.0215



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.



72.5870, 44.0806, 95.0782



94.2050, 57.0869, 123.4772



62.3270, 4.7688, 104.0762



83.6030, 2.1677, 4.7332



61.3650, 37.2881, 80.3639



10.3960, 6.2138, 13.6847

Inverse Universe

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



72.5870, 44.0806, 95.0782



94.2050, 57.0869, 123.4772



118.6730, -4.7688, -104.0762



83.6030, 2.1677, 4.7332



61.3650, 37.2881, 80.3639



10.3960, 6.2138, 13.6847

Previews

White Background



This preview shows how the YUV color 72.5870, 44.0806, 95.0782 looks on a white background.

Color Contrast Check

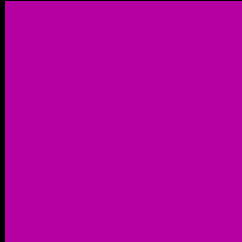
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.5870, 44.0806, 95.0782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

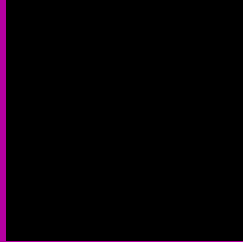
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.5870, 44.0806, 95.0782

Background



This preview shows how black text looks on a background with the YUV color 72.5870, 44.0806, 95.0782.



This preview shows how white text looks on a background with the YUV color 72.5870, 44.0806,

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

81.1240, 62.0569, -71.1457

Deuteranopia

99.9370, 25.6671, -19.2387

Tritanopia

96.7480, -14.1728, 65.9960

Trichromacy



Protanomaly

77.9020, 55.7573, -10.4381

Deuteranomaly

89.7370, 32.6677, 22.1557

Tritanomaly

88.0200, 6.8921, 76.2815

Monochromacy



Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.4600, 16.0422, 34.6766

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.5870, 44.0806, 95.0782 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, 0, 162)` looks like.

```
.text, #text, p{  
    color:rgb(181, 0, 162)  
}
```

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, 0, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 0, 162) }
```

Border

The CSS property to change the border of an element to YUV 72.5870, 44.0806, 95.0782 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, 0, 162) }
```

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

```
.border{ border-color:rgb(181, 0, 162) }
```

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

Here you see how a box with a 4 pixel rgb(181, 0, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 0, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 0, 162);  
box-shadow:4px 4px 4px 4px rgb(181, 0,  
162) }
```


Background

The CSS property to change the background color of an element to YUV 72.5870, 44.0806, 95.0782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 0, 162) }
```

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

```
.background{ background-color: rgb(181, 0,  
162) }
```

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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