

Converting Colors

YUV(73.6840, 46.9908, 94.9931)

Have a look what the booklet for
YUV(73.6840, 46.9908, 94.9931)
contains.

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Color

**YUV(73.6840, 46.9908,
94.9931)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B600A9 |
| RGB | 182, 0, 169 |
| RGB Percent | 71%, 0%, 66% |
| CMY | 0.2863, 1.0000, 0.3373 |
| CMYK | 0.00, 1.00, 0.07, 0.29 |
| HSL | 304°, 100%, 36% |
| HSV | 304°, 100%, 71% |
| XYZ | 26.4528, 12.8097, 38.6144 |
| YIQ | 73.6840, 54.2230, 91.1430 |

Conversions

Conversions Part 2

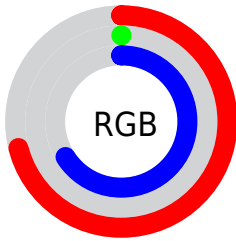
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 182, 0, 169 |
| Decimal | 11927721 |
| CIELab | 42.48, 74.40, -40.75 |
| CIELCh | 42, 84.828, 331.292 |
| Yxy | 12.8097, 0.3397, 0.1645 |
| Android (android.graphics.Color) | 4290117801 (0xFFB600A9) |
| YUV | 73.6840, 46.9908, 94.9931 |
| Hunter-Lab | 35.7906, 69.2959, -38.9145 |

Details

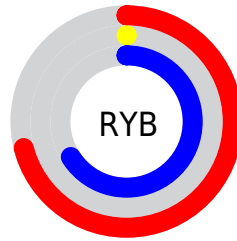
The YUV color **73.6840, 46.9908, 94.9931** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **108.3160, -46.9908, -94.9931**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.4900, 37.7194, 82.0083**, and **50.3000, 32.3901, 64.6349** is the 20% darker color. If you saturate the color by 10%, you get **73.6840, 46.9908, 94.9931**, and if you desaturate by 10%, it is **84.3640, 42.2185, 85.6268**.

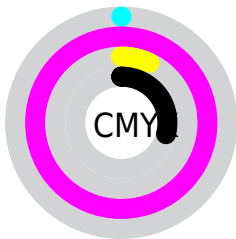
Distribution



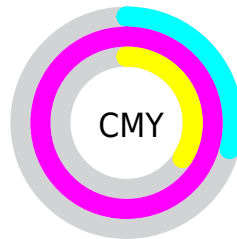
- Red (71%)
- Green (0%)
- Blue (66%)



- Red (71%)
- Yellow (0%)
- Blue (66%)



- Cyan (0%)
- Magenta (100%)
- Yellow (7%)
- Black (29%)





- Cyan (29%)
- Magenta (100%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.6840, 46.9908, 94.9931 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 73.6840, 46.9908, 94.9931 by changing the saturation by 10% instead.

 73.6840, 46.9908,
94.9931


 73.6840, 46.9908,
94.9931


255.0000, 0.0000,
0.0000


 61.9350, 39.4720,
79.8640


 148.4900, 37.7194,
82.0083


 50.3000, 32.3901,
64.6349

 173.2930, 39.7886,
71.6570


 39.0780, 25.5975,
49.9206


 191.0170, 31.5436,
56.1131

 28.2690, 19.0944,
35.7211

 208.0400, 23.1513,
41.1839

 17.2750, 13.1754,
20.8068

 225.0630, 14.7589,
26.2547

 3.0950, 9.3202,
-2.7143

 242.6730, 6.0772,

 0.0000, 0.0000,

10.8108

0.0000

■ 73.6840, 46.9908,
94.9931

■ 84.3640, 42.2185,
85.6268

■ 95.1580, 37.8831,
76.1604

■ 106.4250, 32.8215,
66.2793

■ 117.1050, 28.0492,
56.9129

■ 127.8990, 23.7138,
47.4466

■ 138.5790, 18.9416,
38.0802

■ 149.2590, 14.1693,
28.7139

■ 160.5260, 9.1077,
18.8327

■ 171.3200, 4.7722,
9.3664

Harmonies

Analogous

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



96.7970, 61.7251, -11.2230



73.6840, 46.9908, 94.9931



75.7990, 12.4241, 122.0793

Triad

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



73.6840, 46.9908, 94.9931



93.9930, -46.3385, 22.8081



94.7440, 38.0872, -83.0905

Complementary

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



73.6840, 46.9908, 94.9931



108.3160, -46.9908, -94.9931

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.



86.1770, 7.8007, -75.5772



73.6840, 46.9908, 94.9931



80.9490, -39.9079, -33.2813

Square

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



73.6840, 46.9908, 94.9931



91.3550, -45.0380, 72.4797



75.1820, -26.7117, -65.9346



98.4380, 62.3951, -86.3301

Rectangle

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



73.6840, 46.9908, 94.9931



70.2560, -7.5212, 126.0635



75.1820, -26.7117, -65.9346



92.2360, 28.4777, -80.8910

Sweetspot

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



73.6840, 46.9908, 94.9931



194.7530, 18.3628, 37.0506



24.3360, 77.7284, -10.8187



94.4170, 11.1334, 22.4363



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



73.6840, 46.9908, 94.9931



95.9430, 61.1601, 123.7070



63.4240, 7.6790, 103.9912



86.6030, 2.1677, 4.7332



63.0600, 39.9034, 81.5084



11.3360, 7.2294, 14.6143

Inverse Universe

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



73.6840, 46.9908, 94.9931



95.9430, 61.1601, 123.7070



118.5760, -7.6790, -103.9912



86.6030, 2.1677, 4.7332



63.0600, 39.9034, 81.5084



11.3360, 7.2294, 14.6143

Previews

White Background



This preview shows how the YUV color 73.6840, 46.9908, 94.9931 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 73.6840, 46.9908, 94.9931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

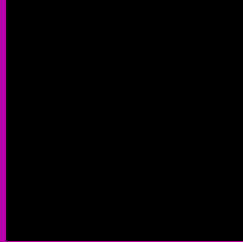
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.6840, 46.9908, 94.9931

Background



This preview shows how black text looks on a background with the YUV color 73.6840, 46.9908, 94.9931.



This preview shows how white text looks on a background with the YUV color 73.6840, 46.9908,

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

82.0530, 63.0779, -71.9605

Deuteranopia

100.1260, 29.0249, -22.9125

Tritanopia

98.2640, -13.4412, 64.6665

Trichromacy



Protanomaly

78.9450, 57.2151, -11.3528

Deuteranomaly

90.5240, 35.7307, 19.7115

Tritanomaly

89.4760, 8.6393, 75.8815

Monochromacy



Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.8020, 17.3526, 34.3766

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.6840, 46.9908, 94.9931 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(182, 0, 169)` looks like.

```
.text, #text, p{  
    color:rgb(182, 0, 169)  
}
```

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(182, 0, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 0, 169) }
```

Border

The CSS property to change the border of an element to YUV 73.6840, 46.9908, 94.9931 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(182, 0, 169) }
```

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

```
.border{ border-color:rgb(182, 0, 169) }
```

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

Here you see how a box with a 4 pixel rgb(182, 0, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 0, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 0, 169);  
box-shadow:4px 4px 4px 4px rgb(182, 0,  
169) }
```


Background

The CSS property to change the background color of an element to YUV 73.6840, 46.9908, 94.9931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 0, 169) }
```

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

```
.background{ background-color: rgb(182, 0,  
169) }
```

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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