

Converting Colors

YUV(70.6510, 47.0071, 89.7601)

Have a look what the booklet for
YUV(70.6510, 47.0071, 89.7601)
contains.

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Color

**YUV(70.6510, 47.0071,
89.7601)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AD00A6 |
| RGB | 173, 0, 166 |
| RGB Percent | 68%, 0%, 65% |
| CMY | 0.3216, 1.0000, 0.3490 |
| CMYK | 0.00, 1.00, 0.04, 0.32 |
| HSL | 302°, 100%, 34% |
| HSV | 302°, 100%, 68% |
| XYZ | 24.1165, 11.6374, 37.0516 |
| YIQ | 70.6510, 49.8220, 88.3020 |

Conversions

Conversions Part 2

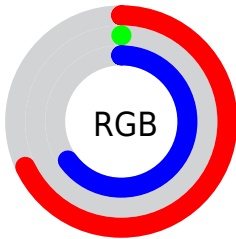
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 173, 0, 166 |
| Decimal | 11337894 |
| CIE _{Lab} | 40.63, 72.43, -41.99 |
| CIE _{LCh} | 41, 83.718, 329.900 |
| Yxy | 11.6374, 0.3312, 0.1598 |
| Android (android.graphics.Color) | 4289527974 (0xFFAD00A6) |
| YUV | 70.6510, 47.0071, 89.7601 |
| Hunter-Lab | 34.1136, 66.4910, -40.5166 |

Details

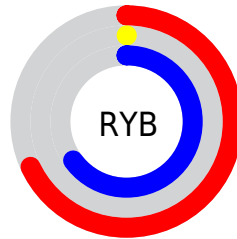
The YUV color **70.6510, 47.0071, 89.7601** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **102.3490, -47.0071, -89.7601**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.9840, 38.4619, 77.1900**, and **47.5660, 32.2590, 60.0166** is the 20% darker color. If you saturate the color by 10%, you get **70.6510, 47.0071, 89.7601**, and if you desaturate by 10%, it is **80.7440, 42.5242, 80.9085**.

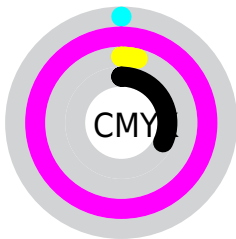
Distribution



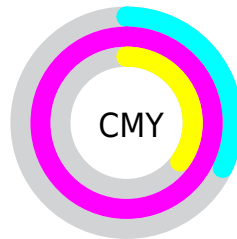
- Red (68%)
- Green (0%)
- Blue (65%)



- Red (68%)
- Yellow (0%)
- Blue (65%)



- Cyan (0%)
- Magenta (100%)
- Yellow (4%)
- Black (32%)





- Cyan (32%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 70.6510, 47.0071, 89.7601 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 70.6510, 47.0071, 89.7601 by changing the saturation by 10% instead.

 70.6510, 47.0071,
89.7601

 70.6510, 47.0071,
89.7601


255.0000, 0.0000,
0.0000


 58.9020, 39.4883,
74.6309


 143.9840, 38.4619,
77.1900


 47.5660, 32.2590,
60.0166


 171.7770, 39.0569,
72.9866


 36.3440, 25.4664,
45.3023


 189.2560, 32.4118,
57.6575

 25.8340, 18.8158,
31.7176

 206.2790, 24.0195,
42.7283

 14.5410, 13.0443,
16.1885

 223.3020, 15.6271,
27.7991

 2.7530, 8.0098,
-2.4144

 240.9120, 6.9454,

 0.0000, 0.0000,

12.3552

0.0000

■ 70.6510, 47.0071,
89.7601

■ 80.7440, 42.5242,
80.9085

■ 91.3100, 37.3152,
71.6421

■ 101.4030, 32.8323,
62.7906

■ 111.4960, 28.3495,
53.9390

■ 122.1760, 23.5772,
44.5726

■ 132.1550, 18.6576,
35.8211

■ 142.2480, 14.1747,
26.9695

■ 152.3410, 9.6919,
18.1179

■ 162.9070, 4.4828,
8.8516

Harmonies

Analogous

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



90.8670, 62.1836, -18.3004



70.6510, 47.0071, 89.7601



73.1790, 12.7298, 117.3610

Triad

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



70.6510, 47.0071, 89.7601



90.4600, -44.5968, 24.1526



90.7830, 35.6030, -79.6167

Complementary

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



70.6510, 47.0071, 89.7601



102.3490, -47.0071, -89.7601

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.



82.3300, 5.7533, -72.2034



70.6510, 47.0071, 89.7601



77.7260, -38.3189, -29.5777

Square

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



70.6510, 47.0071, 89.7601



85.7510, -42.2752, 73.0094



70.5200, -29.3434, -61.8460



94.4770, 59.9108, -82.8563

Rectangle

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



70.6510, 47.0071, 89.7601



68.4620, -6.6368, 122.3748



70.5200, -29.3434, -61.8460



87.6880, 26.2828, -76.9024

Sweetspot

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



70.6510, 47.0071, 89.7601



184.4430, 18.5156, 34.6915



21.5160, 74.6816, -13.6075



88.4060, 11.1388, 20.6919



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



70.6510, 47.0071, 89.7601



91.4860, 60.8924, 116.2148



60.9610, 9.8792, 98.2582



81.6030, 2.1677, 4.7332



61.2660, 40.7879, 77.8197



9.3850, 6.2192, 11.9404

Inverse Universe

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



70.6510, 47.0071, 89.7601



91.4860, 60.8924, 116.2148



112.0390, -9.8792, -98.2582



81.6030, 2.1677, 4.7332



61.2660, 40.7879, 77.8197



9.3850, 6.2192, 11.9404

Previews

White Background



This preview shows how the YUV color 70.6510, 47.0071, 89.7601 looks on a white background.

Color Contrast Check

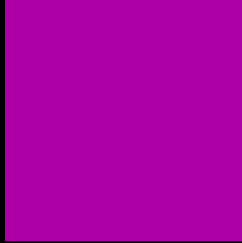
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.6510, 47.0071, 89.7601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

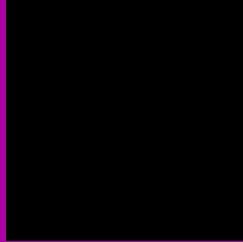
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.6510, 47.0071, 89.7601

Background



This preview shows how black text looks on a background with the YUV color 70.6510, 47.0071, 89.7601.



This preview shows how white text looks on a background with the YUV color 70.6510, 47.0071,

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

78.6790, 60.3043, -69.0015

Deuteranopia

95.0440, 30.0513, -25.4716

Tritanopia

94.7580, -12.6987, 59.8482

Trichromacy



Protanomaly

75.4890, 55.4679, -10.9529

Deuteranomaly

86.0290, 36.4677, 16.6376

Tritanomaly

85.8560, 8.9450, 71.1633

Monochromacy



Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.7910, 17.3580, 32.6323

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.6510, 47.0071, 89.7601 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(173, 0, 166)` looks like.

```
.text, #text, p{  
    color:rgb(173, 0, 166)  
}
```

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(173, 0, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 0, 166) }
```

Border

The CSS property to change the border of an element to YUV 70.6510, 47.0071, 89.7601 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(173, 0, 166) }
```

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

```
.border{ border-color:rgb(173, 0, 166) }
```

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

Here you see how a box with a 4 pixel rgb(173, 0, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 0, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 0, 166);  
box-shadow:4px 4px 4px 4px rgb(173, 0,  
166) }
```


Background

The CSS property to change the background color of an element to YUV 70.6510, 47.0071, 89.7601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 0, 166) }
```

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

```
.background{ background-color: rgb(173, 0,  
166) }
```

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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