

Converting Colors

YUV(70.6660, 50.9437, 87.1159)

Have a look what the booklet for
YUV(70.6660, 50.9437, 87.1159)
contains.

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Color

**YUV(70.6660, 50.9437,
87.1159)**

Conversions

Conversions Part 1

Format	Color
Hex	AA00AE
RGB	170, 0, 174
RGB Percent	67%, 0%, 68%
CMY	0.3333, 1.0000, 0.3176
CMYK	0.02, 1.00, 0.00, 0.32
HSL	299°, 100%, 34%
HSV	299°, 100%, 68%
XYZ	24.2175, 11.6020, 41.0074
YIQ	70.6660, 45.4660, 90.1540

Conversions

Conversions Part 2

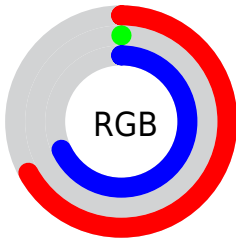
Format	Color
RYB	170, 0, 174
Decimal	11141294
CIELab	40.58, 73.12, -46.89
CIELCh	41, 86.859, 327.330
Yxy	11.6020, 0.3152, 0.1510
Android (android.graphics.Color)	4289331374 (0xFFAA00AE)
YUV	70.6660, 50.9437, 87.1159
Hunter-Lab	34.0618, 67.3035, -47.5368

Details

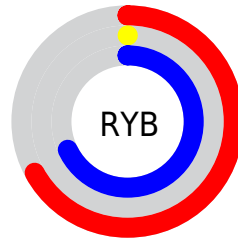
The YUV color **70.6660, 50.9437, 87.1159** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **103.3340, -50.9437, -87.1159**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.9990, 42.3985, 74.5459**, and **47.5810, 36.1956, 57.3725** is the 20% darker color. If you saturate the color by 10%, you get **70.6660, 50.9437, 87.1159**, and if you desaturate by 10%, it is **80.6450, 46.0240, 78.3643**.

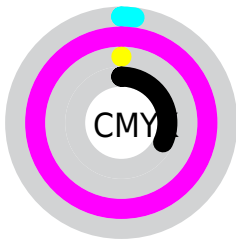
Distribution



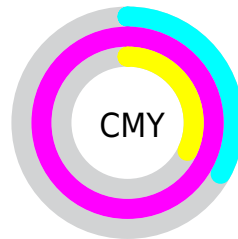
- Red (67%)
- Green (0%)
- Blue (68%)



- Red (67%)
- Yellow (0%)
- Blue (68%)



- Cyan (2%)
- Magenta (100%)
- Yellow (0%)
- Black (32%)





- Cyan (33%)
- Magenta (100%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YUV color 70.6660, 50.9437, 87.1159 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 70.6660, 50.9437, 87.1159 by changing the saturation by 10% instead.


 70.6660, 50.9437,
87.1159


 70.6660, 50.9437,
87.1159


255.0000, 0.0000,
0.0000


 58.9170, 43.4249,
71.9868


 143.9990, 42.3985,
74.5459


 47.5810, 36.1956,
57.3725


 172.2330, 40.8041,
72.5867


 36.2450, 28.9662,
42.7581


 189.2560, 32.4118,
57.6575

 25.7350, 22.3156,
29.1734

 206.2790, 24.0195,
42.7283

 14.0290, 16.2547,
13.1296

 223.3020, 15.6271,
27.7991

 3.4370, 10.6306,
-3.0142

 240.9120, 6.9454,

 0.0000, 0.0000,

12.3552

0.0000

■ 70.6660, 50.9437,
87.1159

■ 80.6450, 46.0240,
78.3643

■ 91.5100, 40.6676,
69.7127

■ 101.4890, 35.7479,
60.9611

■ 112.3540, 30.3915,
52.3095

■ 122.3330, 25.4718,
43.5580

■ 132.3120, 20.5522,
34.8064

■ 143.1770, 15.1957,
26.1548

■ 153.1560, 10.2761,
17.4032

■ 164.0210, 4.9196,
8.7516

Harmonies

Analogous

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



85.1680, 68.9372, -37.8583



70.6660, 50.9437, 87.1159



74.7600, 14.9083, 118.6055

Triad

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



70.6660, 50.9437, 87.1159



90.1940, -44.4656, 28.7709



90.4410, 34.2926, -79.3168

Complementary

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



70.6660, 50.9437, 87.1159



103.3340, -50.9437, -87.1159

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.



81.5320, 2.6957, -71.5036



70.6660, 50.9437, 87.1159



79.2210, -39.0560, -26.5038

Square

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



70.6660, 50.9437, 87.1159



84.0230, -41.4233, 79.7868



69.2660, -34.1481, -60.7463



95.1780, 60.0582, -83.4711

Rectangle

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



70.6660, 50.9437, 87.1159



70.1140, -5.4792, 124.4340



69.2660, -34.1481, -60.7463



87.8190, 24.2462, -77.0173

Sweetspot

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



70.6660, 50.9437, 87.1159



186.4860, 19.9734, 33.7768



23.3580, 74.2665, -20.4850



90.0470, 12.3018, 21.0068



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



70.6660, 50.9437, 87.1159



92.2560, 66.4288, 113.7855



62.6280, 14.9734, 97.6732



81.7170, 2.6045, 4.6332



61.0530, 43.8509, 75.3755



9.2000, 6.8034, 11.2256

Inverse Universe

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



52.4820, -23.9016, 106.5713



68.4430, -31.2774, 139.0545



111.3720, -14.9734, -97.6732



80.6910, -1.3267, 5.5330



45.1920, -20.8007, 91.9166



6.9910, -2.9536, 14.0399

Previews

White Background



This preview shows how the YUV color 70.6660, 50.9437, 87.1159 looks on a white background.

Color Contrast Check

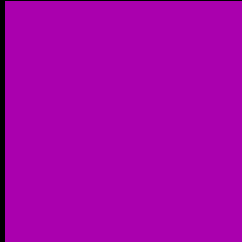
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.6660, 50.9437, 87.1159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

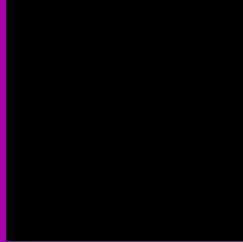
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.6660, 50.9437, 87.1159

Background



This preview shows how black text looks on a background with the YUV color 70.6660, 50.9437, 87.1159.



This preview shows how white text looks on a background with the YUV color 70.6660, 50.9437,

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

78.5650, 59.8675, -68.9015

Deuteranopia

92.9550, 35.0252, -34.1635

Tritanopia

95.7790, -11.2300, 55.4448

Trichromacy



Protanomaly

75.5320, 56.9257, -11.8676

Deuteranomaly

84.8370, 40.9994, 9.7900

Tritanomaly

86.5180, 11.5766, 67.0747

Monochromacy



Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.7200, 18.3790, 31.8176

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.6660, 50.9437, 87.1159 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(170, 0, 174)` looks like.

```
.text, #text, p{  
  color:rgb(170, 0, 174)  
}
```

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(170, 0, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 0, 174) }
```

Border

The CSS property to change the border of an element to YUV 70.6660, 50.9437, 87.1159 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(170, 0, 174) }
```

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

```
.border{ border-color:rgb(170, 0, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 0, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 0, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 0, 174);  
box-shadow:4px 4px 4px 4px rgb(170, 0,  
174) }
```


Background

The CSS property to change the background color of an element to YUV 70.6660, 50.9437, 87.1159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 0, 174) }
```

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

```
.background{ background-color: rgb(170, 0,  
174) }
```

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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