

Converting Colors

YUV(73.4800, 16.0324, 84.6480)

Have a look what the booklet for
YUV(73.4800, 16.0324, 84.6480)
contains.

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Color

**YUV(73.4800, 16.0324,
84.6480)**

Conversions

Conversions Part 1

Format	Color
Hex	AA126A
RGB	170, 18, 106
RGB Percent	67%, 7%, 42%
CMY	0.3333, 0.9294, 0.5843
CMYK	0.00, 0.89, 0.38, 0.33
HSL	325°, 81%, 37%
HSV	325°, 89%, 67%
XYZ	19.3954, 10.0193, 14.5473
YIQ	73.4800, 62.3440, 59.5920

Conversions

Conversions Part 2

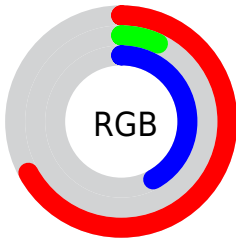
Format	Color
R_{YB}	170, 18, 106
Decimal	11145834
CIE Lab	37.88, 62.14, -9.35
CIE LCh	38, 62.839, 351.441
Yxy	10.0193, 0.4412, 0.2279
Android (android.graphics.Color)	4289335914 (0xFFAA126A)
YUV	73.4800, 16.0324, 84.6480
Hunter-Lab	31.6532, 53.9820, -5.0915

Details

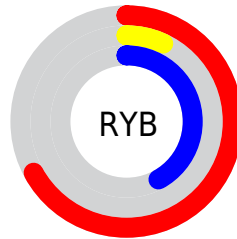
The YUV color **73.4800, 16.0324, 84.6480** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **114.5200, -16.0324, -84.6480**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.1500, 9.7860, 81.4294**, and **40.2140, 9.2615, 62.9563** is the 20% darker color. If you saturate the color by 10%, you get **62.7030, 17.8944, 94.0995**, and if you desaturate by 10%, it is **84.2570, 14.1703, 75.1966**.

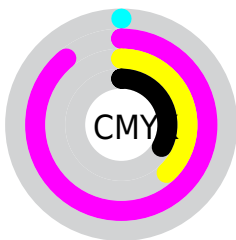
Distribution



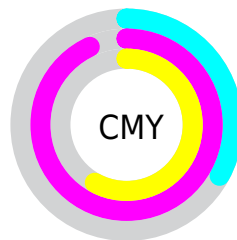
- Red (67%)
- Green (7%)
- Blue (42%)



- Red (67%)
- Yellow (7%)
- Blue (42%)



- Cyan (0%)
- Magenta (89%)
- Yellow (38%)
- Black (33%)





- Cyan (33%)
- Magenta (93%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YUV color 73.4800, 16.0324, 84.6480 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 73.4800, 16.0324, 84.6480 by changing the saturation by 10% instead.


 73.4800, 16.0324,
84.6480


 73.4800, 16.0324,
84.6480


255.0000, 0.0000,
0.0000

 51.5070, 15.0330,
78.4854


 137.1500, 9.7860,
81.4294


 40.2140, 9.2615,
62.9563


 164.1390, 9.7915,
79.6851


 29.3340, 3.7793,
47.9421

 184.3540, 13.6295,
61.9565

 19.0520, -1.9976,
34.1574

 203.9820, 17.7569,
44.7428

 6.5780, -3.2430,
13.5251

 222.7150, 15.9165,
28.3139

 0.0000, 0.0000,
0.0000

 239.7380, 7.5242,

13.3848

■ 73.4800, 16.0324,
84.6480

■ 73.4800, 16.0324,
84.6480

■ 62.7030, 17.8944,
94.0995

■ 84.2570, 14.1703,
75.1966

■ 62.0020, 17.7470,
94.7142

■ 95.0340, 12.3082,
65.7452

■ 105.8110, 10.4462,
56.2938

■ 116.7020, 9.0209,
46.7423

■ 127.4790, 7.1589,
37.2909

■ 138.2560, 5.2968,
27.8395

■ 149.0330, 3.4347,
18.3881

■ 159.8100, 1.5727,
8.9366

■ 170.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



89.2060, 31.4504, 39.2843



73.4800, 16.0324, 84.6480



72.7970, -8.2809, 89.6320

Triad

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



73.4800, 16.0324, 84.6480



79.0650, -38.9790, -4.4420



82.6620, 42.5646, -72.4946

Complementary

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



73.4800, 16.0324, 84.6480



114.5200, -16.0324, -84.6480

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.



79.4070, 22.4773, -69.6399



73.4800, 16.0324, 84.6480



63.8180, -24.5603, -55.9684

Square

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



73.4800, 16.0324, 84.6480



84.3130, -41.5663, 32.1745



72.7780, -0.3836, -63.8263



80.4740, 54.4893, -70.5757

Rectangle

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



73.4800, 16.0324, 84.6480



79.4320, -28.3140, 75.0431



72.7780, -0.3836, -63.8263



82.3540, 36.3075, -72.2245

Sweetspot

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



73.4800, 16.0324, 84.6480



183.9300, 6.4435, 33.3874



54.1650, 57.1067, 23.5343



89.1580, 3.8661, 20.0324



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.



73.4800, 16.0324, 84.6480



80.9700, 23.1858, 123.6833



64.9300, -16.7275, 92.1464



78.9620, 1.0047, 4.4183



54.0560, 15.7484, 82.3889



7.3480, 2.2934, 11.0958

Inverse Universe

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



73.4800, 16.0324, 84.6480



80.9700, 23.1858, 123.6833



123.0700, 16.7275, -92.1464



78.9620, 1.0047, 4.4183



54.0560, 15.7484, 82.3889



7.3480, 2.2934, 11.0958

Previews

White Background



This preview shows how the YUV color 73.4800, 16.0324, 84.6480 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 73.4800, 16.0324, 84.6480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

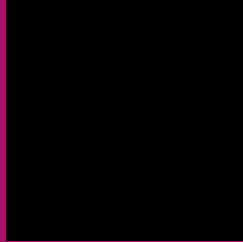
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.4800, 16.0324, 84.6480

Background



This preview shows how black text looks on a background with the YUV color 73.4800, 16.0324, 84.6480.



This preview shows how white text looks on a background with the YUV color 73.4800, 16.0324,

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

73.4800, 16.0324, 84.6480

Protanopia

89.3760, 29.8876, -19.6238

Deuteranopia

91.6460, 3.6255, 3.8185



Tritanopia

80.7060, -17.1101, 74.8028

Trichromacy



Original Color

73.4800, 16.0324, 84.6480

Protanomaly

83.3530, 24.9690, 18.1074

Deuteranomaly

85.3860, 8.1907, 32.9875

Tritanomaly

78.2300, -5.0434, 77.8513

Monochromacy



Original Color

73.4800, 16.0324, 84.6480

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.0930, 5.8702, 30.6134

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.4800, 16.0324, 84.6480 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, 18, 106)` looks like.

```
.text, #text, p{  
    color:rgb(170, 18, 106)  
}
```

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, 18, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 18, 106) }
```

Border

The CSS property to change the border of an element to YUV 73.4800, 16.0324, 84.6480 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, 18, 106) }
```


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

```
.border{ border-color:rgb(170, 18, 106) }
```

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

Here you see how a box with a 4 pixel rgb(170, 18, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 18, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 18, 106);  
box-shadow:4px 4px 4px 4px rgb(170, 18,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 73.4800, 16.0324, 84.6480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 18, 106) }
```

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

```
.background{ background-color: rgb(170, 18,  
106) }
```

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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