

Converting Colors

YUV(84.0730, 67.0120, 66.5880)

Have a look what the booklet for
YUV(84.0730, 67.0120, 66.5880)
contains.

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Color

**YUV(84.0730, 67.0120,
66.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	A013DC
RGB	160, 19, 220
RGB Percent	63%, 7%, 86%
CMY	0.3725, 0.9255, 0.1373
CMYK	0.27, 0.91, 0.00, 0.14
HSL	282°, 84%, 47%
HSV	282°, 91%, 86%
XYZ	27.6483, 13.1066, 68.7827
YIQ	84.0730, 19.5150, 92.4030

Conversions

Conversions Part 2

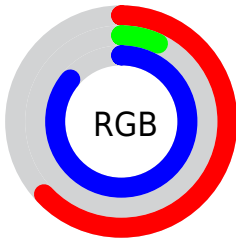
Format	Color
R _{YB}	160, 19, 220
Decimal	10490844
CIE Lab	42.92, 77.31, -70.02
CIE LCh	43, 104.305, 317.836
Yxy	13.1066, 0.2524, 0.1197
Android (android.graphics.Color)	4288680924 (0xFFA013DC)
YUV	84.0730, 67.0120, 66.5880
Hunter-Lab	36.2031, 72.9653, -87.3037

Details

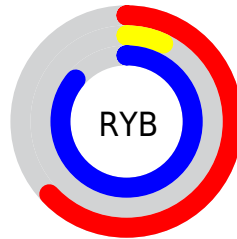
The YUV color **84.0730, 67.0120, 66.5880** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **154.9270, -67.0120, -66.5880**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.2670, 52.6194, 62.9098**, and **48.8950, 56.7468, 45.6961** is the 20% darker color. If you saturate the color by 10%, you get **71.1260, 73.3949, 72.6805**, and if you desaturate by 10%, it is **99.0800, 59.6136, 59.5658**.

Distribution



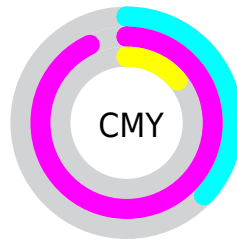
- Red (63%)
- Green (7%)
- Blue (86%)



- Red (63%)
- Yellow (7%)
- Blue (86%)



- Cyan (27%)
- Magenta (91%)
- Yellow (0%)
- Black (14%)



- Cyan (37%)
- Magenta (93%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.0730, 67.0120, 66.5880 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 84.0730, 67.0120, 66.5880 by changing the saturation by 10% instead.

84.0730, 67.0120,
66.5880

84.0730, 67.0120,
66.5880

255.0000, 0.0000,
0.0000

60.6440, 64.2655,
60.8252

148.2670, 52.6194,
62.9098

48.8950, 56.7468,
45.6961

174.2600, 39.8048,
66.4240

36.8470, 49.3754,
29.9522

192.7780, 30.6754,
54.5687

24.2010, 42.2989,
12.9787

209.8010, 22.2831,
39.6395

9.6900, 37.1278,
-8.4981

226.8240, 13.8908,
24.7104

8.6010, 25.3397,
-7.5431

244.4340, 5.2090,

5.5060, 16.0195,

9.2664

-4.8288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 84.0730, 67.0120,
66.5880

■ 84.0730, 67.0120,
66.5880

■ 71.1260, 73.3949,
72.6805

■ 99.0800, 59.6136,
59.5658

■ 113.7880, 52.3625,
51.9289

■ 128.7950, 44.9641,
44.9068

■ 143.5030, 37.7130,
37.2699

■ 158.5100, 30.3146,
30.2477

■ 173.2180, 23.0635,
22.6108

■ 188.2250, 15.6651,
15.5887

■ 203.2320, 8.2666,
8.5665

■ 217.9400, 1.0156,
0.9296

Harmonies

Analogous

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



86.0090, 83.3126, -75.4299



84.0730, 67.0120, 66.5880



84.4310, 27.3955, 126.7870

Triad

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



84.0730, 67.0120, 66.5880



95.6420, -47.1515, 50.3030



94.9260, 28.6305, -83.2501

Complementary

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



84.0730, 67.0120, 66.5880



154.9270, -67.0120, -66.5880

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.



83.2640, -10.9762, -73.0225



84.0730, 67.0120, 66.5880



88.4570, -43.6093, -12.6788

Square

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



84.0730, 67.0120, 66.5880



62.4910, -30.8081, 128.4884



73.3750, -36.1739, -64.3499



103.8180, 62.7007, -91.0484

Rectangle

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



84.0730, 67.0120, 66.5880



81.6350, 1.1659, 139.7631



73.3750, -36.1739, -64.3499



91.5060, 15.5265, -80.2508

Sweetspot

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



84.0730, 67.0120, 66.5880



208.2180, 23.0635, 22.6108



77.1340, 70.4329, -50.9835



100.0460, 13.7813, 13.1147



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



84.0730, 67.0120, 66.5880



82.5910, 84.9976, 84.5507



97.4530, 40.6957, 107.4737



102.3470, 3.7729, 3.2037



56.2000, 57.5824, 57.7066



14.8120, 15.3757, 15.0739

Inverse Universe

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



85.9390, -3.4209, 117.5715



84.9090, -4.3921, 149.1698



141.5470, -40.6957, -107.4737



102.6310, -0.3111, 6.4626



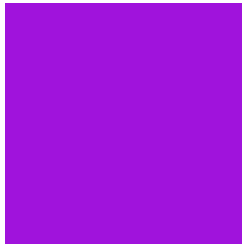
57.6550, -2.7879, 101.1576



15.3500, -0.6655, 26.8800

Previews

White Background



This preview shows how the YUV color 84.0730, 67.0120, 66.5880 looks on a white background.

Color Contrast Check

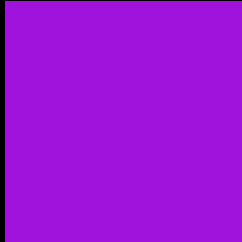
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.0730, 67.0120, 66.5880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

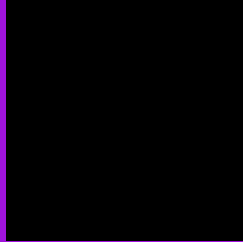
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.0730, 67.0120, 66.5880

Background



This preview shows how black text looks on a background with the YUV color 84.0730, 67.0120, 66.5880.



This preview shows how white text looks on a background with the YUV color 84.0730, 67.0120,

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

84.0730, 67.0120, 66.5880

Protanopia

81.8250, 62.2043, -71.7605

Deuteranopia

82.2690, 48.6744, -72.1499



Tritanopia

103.3460, -4.6076, 31.2686

Trichromacy



Original Color

84.0730, 67.0120, 66.5880



Protanomaly

82.6000, 63.7942, -21.5742



Deuteranomaly

83.0100, 55.2111, -21.9338



Tritanomaly

96.3070, 21.5406, 44.4578

Monochromacy



Original Color

84.0730, 67.0120, 66.5880



Achromatopsia

84.0000, 0.0000, 0.0000



Achromatomaly

83.8700, 24.2211, 24.6700

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.0730, 67.0120, 66.5880 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(160, 19, 220)` looks like.

```
.text, #text, p{  
    color:rgb(160, 19, 220)  
}
```

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(160, 19, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 19, 220) }
```

Border

The CSS property to change the border of an element to YUV 84.0730, 67.0120, 66.5880 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(160, 19, 220) }
```


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

```
.border{ border-color:rgb(160, 19, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 19, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 19, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 19, 220);  
box-shadow:4px 4px 4px 4px rgb(160, 19,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 84.0730, 67.0120, 66.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 19, 220) }
```

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

```
.background{ background-color: rgb(160, 19,  
220) }
```

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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