

Converting Colors

YUV(70.6720, 48.4757, 85.3567)

Have a look what the booklet for
YUV(70.6720, 48.4757, 85.3567)
contains.

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Color

**YUV(70.6720, 48.4757,
85.3567)**

Conversions

Conversions Part 1

Format	Color
Hex	A802A9
RGB	168, 2, 169
RGB Percent	66%, 1%, 66%
CMY	0.3412, 0.9922, 0.3373
CMYK	0.01, 0.99, 0.00, 0.34
HSL	300°, 98%, 34%
HSV	300°, 99%, 66%
XYZ	23.3316, 11.2328, 38.4746
YIQ	70.6720, 45.3290, 87.1290

Conversions

Conversions Part 2

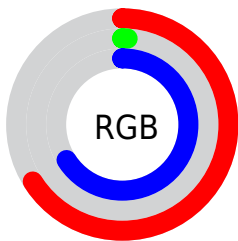
Format	Color
RYB	168, 2, 169
Decimal	11010729
CIELab	39.97, 71.82, -44.90
CIElCh	40, 84.697, 327.990
Yxy	11.2328, 0.3194, 0.1538
Android (android.graphics.Color)	4289200809 (0xFFA802A9)
YUV	70.6720, 48.4757, 85.3567
Hunter-Lab	33.5154, 65.6100, -44.6022

Details

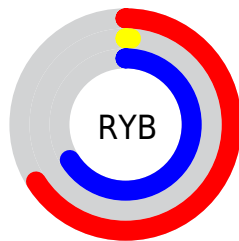
The YUV color **70.6720, 48.4757, 85.3567** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **100.3280, -48.4757, -85.3567**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.8310, 40.5093, 73.8162**, and **46.4130, 34.3064, 56.6428** is the 20% darker color. If you saturate the color by 10%, you get **69.4980, 49.0545, 86.3863**, and if you desaturate by 10%, it is **80.6510, 43.5561, 76.6051**.

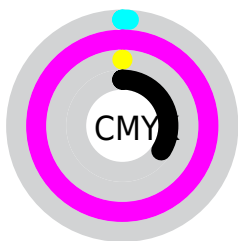
Distribution



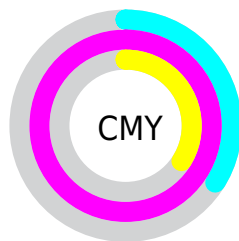
- Red (66%)
- Green (1%)
- Blue (66%)



- Red (66%)
- Yellow (1%)
- Blue (66%)



- Cyan (1%)
- Magenta (99%)
- Yellow (0%)
- Black (34%)





- Cyan (34%)
- Magenta (99%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YUV color 70.6720, 48.4757, 85.3567 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 70.6720, 48.4757, 85.3567 by changing the saturation by 10% instead.


 70.6720, 48.4757,
85.3567


 70.6720, 48.4757,
85.3567


255.0000, 0.0000,
0.0000


 57.7490, 41.5357,
71.2571


 142.8310, 40.5093,
73.8162


 46.4130, 34.3064,
56.6428


 171.5320, 40.6567,
73.2014


 35.1910, 27.5138,
41.9285


 188.6690, 32.7012,
58.1723

 24.9800, 20.7159,
28.9585

 205.6920, 24.3088,
43.2431

 12.9750, 14.8023,
12.2999

 222.7150, 15.9165,
28.3139

 2.9810, 8.8834,
-2.6143

 240.3250, 7.2348,

 0.0000, 0.0000,

12.8700

0.0000

■ 70.6720, 48.4757,
85.3567

■ 70.6720, 48.4757,
85.3567

■ 69.4980, 49.0545,
86.3863

■ 80.6510, 43.5561,
76.6051

■ 90.6300, 38.6364,
67.8535

■ 100.6090, 33.7168,
59.1019

■ 110.5880, 28.7971,
50.3503

■ 120.2790, 24.0195,
42.7283

■ 130.2580, 19.0998,
33.9767

■ 140.2370, 14.1802,
25.2252

■ 150.2160, 9.2605,
16.4736

■ 160.1950, 4.3409,
7.7220

Harmonies

Analogous

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



86.0010, 65.5685, -30.6959



70.6720, 48.4757, 85.3567



72.9230, 14.3350, 115.8315

Triad

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



70.6720, 48.4757, 85.3567



88.7100, -43.7340, 27.4413



89.0390, 33.9978, -78.0872

Complementary

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



70.6720, 48.4757, 85.3567



100.3280, -48.4757, -85.3567

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.



80.3580, 3.2745, -70.4740



70.6720, 48.4757, 85.3567



77.4490, -38.1824, -26.7038

Square

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



70.6720, 48.4757, 85.3567



83.4140, -41.1231, 76.8129



68.0920, -33.5694, -59.7167



93.5480, 58.8898, -82.0416

Rectangle

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



70.6720, 48.4757, 85.3567



68.3910, -5.6158, 121.5601



68.0920, -33.5694, -59.7167



86.5310, 24.3882, -75.8877

Sweetspot

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



70.6720, 48.4757, 85.3567



180.8450, 18.8104, 33.4619



22.7990, 72.0771, -18.2407



86.2210, 11.7230, 19.9772



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



70.6720, 48.4757, 85.3567



90.1480, 63.5240, 112.1262



61.7370, 12.9477, 94.0697



79.3040, 2.3151, 4.1184



60.8250, 42.9773, 75.5755



8.2600, 5.7878, 10.2960

Inverse Universe

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



52.0470, -24.1802, 102.5678



65.5950, -31.8453, 134.5362



109.2630, -12.9477, -94.0697



78.3920, -1.1793, 4.9182



44.3660, -21.3794, 90.8870



5.9800, -2.9481, 12.2955

Previews

White Background



This preview shows how the YUV color 70.6720, 48.4757, 85.3567 looks on a white background.

Color Contrast Check

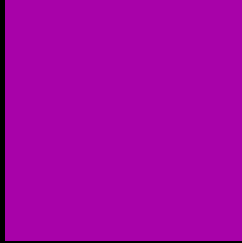
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.6720, 48.4757, 85.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

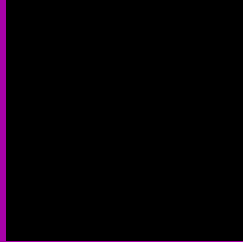
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.6720, 48.4757, 85.3567

Background



This preview shows how black text looks on a background with the YUV color 70.6720, 48.4757, 85.3567.



This preview shows how white text looks on a background with the YUV color 70.6720, 48.4757,

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

70.6720, 48.4757, 85.3567

Protanopia

77.0490, 59.1358, -67.5720

Deuteranopia

92.1080, 32.9778, -30.7897



Tritanopia

93.7790, -11.2300, 55.4448

Trichromacy



Original Color

70.6720, 48.4757, 85.3567



Protanomaly

74.7770, 55.3259, -12.0824



Deuteranomaly

83.9790, 38.9574, 11.4194



Tritanomaly

85.5780, 10.5610, 66.1451

Monochromacy



Original Color

70.6720, 48.4757, 85.3567



Achromatopsia

71.0000, 0.0000, 0.0000



Achromatomaly

70.8940, 17.8003, 30.7880

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.6720, 48.4757, 85.3567 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(168, 2, 169)` looks like.

```
.text, #text, p{  
    color:rgb(168, 2, 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(168, 2, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 2, 169) }
```

Border

The CSS property to change the border of an element to YUV 70.6720, 48.4757, 85.3567 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(168, 2, 169) }
```


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

```
.border{ border-color:rgb(168, 2, 169) }
```

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

Here you see how a box with a 4 pixel rgb(168, 2, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 2, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 2, 169);  
box-shadow:4px 4px 4px 4px rgb(168, 2,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 70.6720, 48.4757, 85.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 2, 169) }
```

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

```
.background{ background-color: rgb(168, 2,  
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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