

Converting Colors

YUV(88.9720, 39.9468, 67.5536)

Have a look what the booklet for
YUV(88.9720, 39.9468, 67.5536)
contains.

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Color

**YUV(88.9720, 39.9468,
67.5536)**

Conversions

Conversions Part 1

Format	Color
Hex	A622AA
RGB	166, 34, 170
RGB Percent	65%, 13%, 67%
CMY	0.3490, 0.8667, 0.3333
CMYK	0.02, 0.80, 0.00, 0.33
HSL	298°, 67%, 40%
HSV	298°, 80%, 67%
XYZ	23.5536, 12.1533, 39.1346
YIQ	88.9720, 35.0160, 70.2800

Conversions

Conversions Part 2

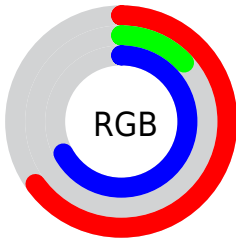
Format	Color
R _Y B	166, 34, 170
Decimal	10887850
CIE Lab	41.46, 66.39, -43.13
CIE LCh	41, 79.172, 326.989
Yxy	12.1533, 0.3147, 0.1624
Android (android.graphics.Color)	4289077930 (0xFFA622AA)
YUV	88.9720, 39.9468, 67.5536
Hunter-Lab	34.8616, 59.5924, -42.1541

Details

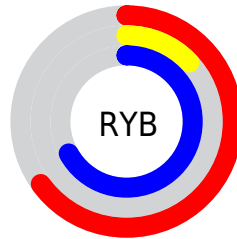
The YUV color **88.9720, 39.9468, 67.5536** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **115.0280, -39.9468, -67.5536**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.0920, 37.9156, 65.6943**, and **46.2280, 34.8906, 55.9280** is the 20% darker color. If you saturate the color by 10%, you get **78.6940, 45.0139, 75.6904**, and if you desaturate by 10%, it is **98.9510, 35.0272, 58.8020**.

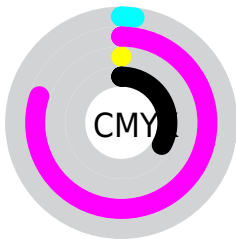
Distribution



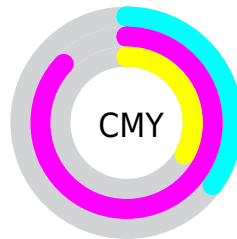
- Red (65%)
- Green (13%)
- Blue (67%)



- Red (65%)
- Yellow (13%)
- Blue (67%)



- Cyan (2%)
- Magenta (80%)
- Yellow (0%)
- Black (33%)



- Cyan (35%)
- Magenta (87%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.9720, 39.9468, 67.5536 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 88.9720, 39.9468, 67.5536 by changing the saturation by 10% instead.

88.9720, 39.9468,
67.5536

88.9720, 39.9468,
67.5536

255.0000, 0.0000,
0.0000

57.5640, 42.1199,
70.5424

149.0920, 37.9156,
65.6943

46.2280, 34.8906,
55.9280

177.8040, 38.0576,
66.8239

35.0060, 28.0980,
41.2137

195.1260, 29.5179,
52.5095

24.7950, 21.3001,
28.2438

211.5620, 21.4149,
38.0951

13.3880, 15.0917,
12.8147

228.5850, 13.0226,
23.1660

3.0950, 9.3202,
-2.7143

246.1950, 4.3409,

0.0000, 0.0000,

7.7220

0.0000

■ 88.9720, 39.9468,
67.5536

■ 88.9720, 39.9468,
67.5536

■ 78.6940, 45.0139,
75.6904

■ 98.9510, 35.0272,
58.8020

■ 68.7150, 49.9335,
84.4419

■ 109.2290, 29.9601,
50.6652

■ 119.2080, 25.0405,
41.9136

■ 129.4860, 19.9734,
33.7768

■ 139.4650, 15.0538,
25.0252

■ 149.7430, 9.9867,
16.8884

■ 159.7220, 5.0671,
8.1368

■ 170.0000, 0.0000,
0.0000

■ 179.9790, -4.9196,
-8.7516

Harmonies

Analogous

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



90.9860, 61.6319, -28.0517



88.9720, 39.9468, 67.5536



72.8950, 16.8138, 114.1021

Triad

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



88.9720, 39.9468, 67.5536



91.9660, -45.3392, 28.9708



90.5720, 32.2560, -79.4316

Complementary

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



88.9720, 39.9468, 67.5536



115.0280, -39.9468, -67.5536

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.



82.3470, 3.2799, -72.2183



88.9720, 39.9468, 67.5536



83.3960, -41.1142, -19.6413

Square

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



88.9720, 39.9468, 67.5536



87.5340, -43.1543, 74.9537



70.9930, -30.0695, -62.2609



94.7390, 55.8377, -83.0861

Rectangle

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



88.9720, 39.9468, 67.5536



69.0040, -1.9740, 120.1455



70.9930, -30.0695, -62.2609



88.0640, 22.6464, -77.2321

Sweetspot

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



88.9720, 39.9468, 67.5536



190.2910, 15.6325, 26.0548



52.4390, 57.9576, -16.1710



92.9170, 9.4079, 15.8588



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.



88.9720, 39.9468, 67.5536



95.1750, 62.5247, 105.9635



82.9860, 11.8389, 76.3113



79.3040, 2.3151, 4.1184



59.9280, 43.4195, 73.7311



8.2600, 5.7878, 10.2960

Inverse Universe

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



75.1200, -18.3002, 83.2098



73.3710, -28.7769, 130.3476



121.0140, -11.8389, -76.3113



78.3920, -1.1793, 4.9182



44.7080, -20.0690, 90.5871



6.0940, -2.5113, 12.1956

Previews

White Background



This preview shows how the YUV color 88.9720, 39.9468, 67.5536 looks on a white background.

Color Contrast Check

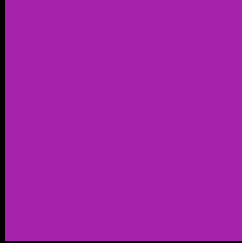
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.9720, 39.9468, 67.5536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

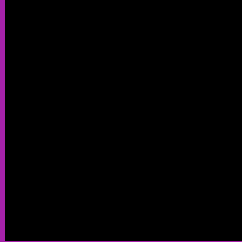
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.9720, 39.9468, 67.5536

Background



This preview shows how black text looks on a background with the YUV color 88.9720, 39.9468, 67.5536.



This preview shows how white text looks on a background with the YUV color 88.9720, 39.9468,

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

88.9720, 39.9468, 67.5536

Deuteranopia

94.7060, 32.6829, -29.5602

Tritanopia

97.3870, -10.0508, 50.5266

Trichromacy



Original Color

88.9720, 39.9468, 67.5536

Deuteranomaly

92.3220, 35.3373, 5.8566

Tritanomaly

94.2410, 8.2622, 56.7936

Monochromacy



Original Color

88.9720, 39.9468, 67.5536

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9380, 14.3276, 24.6104

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.9720, 39.9468, 67.5536 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(166, 34, 170)` looks like.

```
.text, #text, p{  
    color:rgb(166, 34, 170)  
}
```

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(166, 34, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 34, 170) }
```

Border

The CSS property to change the border of an element to YUV 88.9720, 39.9468, 67.5536 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(166, 34, 170) }
```

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

```
.border{ border-color:rgb(166, 34, 170) }
```

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

Here you see how a box with a 4 pixel rgb(166, 34, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 34, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 34, 170);  
box-shadow:4px 4px 4px 4px rgb(166, 34,  
170) }
```


Background

The CSS property to change the background color of an element to YUV 88.9720, 39.9468, 67.5536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 34, 170) }
```

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

```
.background{ background-color: rgb(166, 34,  
170) }
```

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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