

Converting Colors

YUV(106.6980, 32.1939,
80.9489)

Have a look what the booklet for
YUV(106.6980, 32.1939, 80.9489)
contains.

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Color

**YUV(106.6980, 32.1939,
80.9489)**

Conversions

Conversions Part 1

Format	Color
Hex	C72FAC
RGB	199, 47, 172
RGB Percent	78%, 18%, 67%
CMY	0.2196, 0.8157, 0.3255
CMYK	0.00, 0.76, 0.14, 0.22
HSL	311°, 62%, 48%
HSV	311°, 76%, 78%
XYZ	32.0161, 17.1537, 40.6533
YIQ	106.6980, 50.4670, 71.0990

Conversions

Conversions Part 2

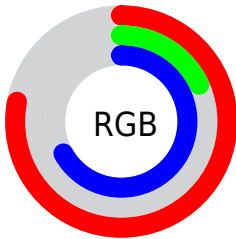
Format	Color
R_{YB}	199, 47, 172
Decimal	13053868
CIE _{Lab}	48.45, 70.08, -32.89
CIE _{LCh}	48, 77.413, 334.858
Yxy	17.1537, 0.3564, 0.1910
Android (android.graphics.Color)	4291243948 (0xFFC72FAC)
YUV	106.6980, 32.1939, 80.9489
Hunter-Lab	41.4170, 65.5039, -29.2048

Details

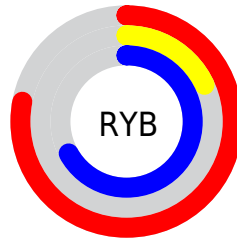
The YUV color **106.6980, 32.1939, 80.9489** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **139.3020, -32.1939, -80.9489**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.2200, 30.4575, 77.8601**, and **55.7250, 31.1946, 74.7862** is the 20% darker color. If you saturate the color by 10%, you get **94.5020, 36.2345, 91.6447**, and if you desaturate by 10%, it is **118.8940, 28.1533, 70.2530**.

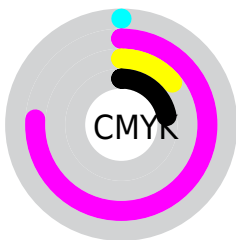
Distribution



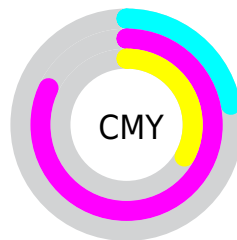
- Red (78%)
- Green (18%)
- Blue (67%)



- Red (78%)
- Yellow (18%)
- Blue (67%)



- Cyan (0%)
- Magenta (76%)
- Yellow (14%)
- Black (22%)





- Cyan (22%)
- Magenta (82%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.6980, 32.1939, 80.9489 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 106.6980, 32.1939, 80.9489 by changing the saturation by 10% instead.


 106.6980, 32.1939,
80.9489


 106.6980, 32.1939,
80.9489


255.0000, 0.0000,
0.0000


 67.3600, 38.2765,
90.0153


 166.2200, 30.4575,
77.8601


 55.7250, 31.1946,
74.7862


 186.3210, 33.8587,
60.2315

 44.5030, 24.4020,
60.0719


 203.3440, 25.4664,
45.3023

 33.3950, 18.0463,
45.2576

 220.3670, 17.0741,
30.3731

 22.9990, 11.8325,
31.5729

 237.9770, 8.3923,
14.9292

 11.2220, 6.7926,
14.7143

 0.0000, 0.0000,

0.0000

■ 106.6980, 32.1939,
80.9489

■ 106.6980, 32.1939,
80.9489

■ 94.5020, 36.2345,
91.6447

■ 118.8940, 28.1533,
70.2530

■ 82.4200, 40.7119,
102.2407

■ 130.9760, 23.6758,
59.6570

■ 78.1970, 42.3009,
105.9442

■ 143.1720, 19.6352,
48.9612

■ 155.2540, 15.1578,
38.3652

■ 167.4500, 11.1172,
27.6694

■ 178.9450, 6.9291,
17.5882

■ 191.1410, 2.8885,
6.8923

■ 203.2230, -1.5889,
-3.7036

■ 215.4190, -5.6296,
-14.3995

Harmonies

Analogous

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



115.7300, 53.3771, 6.3758



106.6980, 32.1939, 80.9489



79.7720, 13.4234, 128.2420

Triad

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



106.6980, 32.1939, 80.9489



107.2610, -52.8797, 20.8191



104.9000, 41.4613, -91.9973

Complementary

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



106.6980, 32.1939, 80.9489



139.3020, -32.1939, -80.9489

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.



97.4900, 13.0694, -85.4987



106.6980, 32.1939, 80.9489



94.2390, -46.4598, -31.7816

Square

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



106.6980, 32.1939, 80.9489



107.5470, -53.0207, 66.1723



87.8630, -16.2015, -77.0559



106.6220, 63.2904, -93.5075

Rectangle

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



106.6980, 32.1939, 80.9489



92.5830, -13.5984, 115.2527



87.8630, -16.2015, -77.0559



103.2070, 32.4359, -90.5125

Sweetspot

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



106.6980, 32.1939, 80.9489



219.2270, 12.7061, 31.3729



71.8030, 62.7081, 0.1728



106.0700, 7.3605, 19.2326



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.



106.6980, 32.1939, 80.9489



112.2670, 49.6614, 125.1768



98.2620, -0.1292, 88.3472



93.6030, 2.1677, 4.7332



64.0130, 34.5036, 86.8116



14.0700, 7.3605, 19.2326

Inverse Universe

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



106.6980, 32.1939, 80.9489



112.2670, 49.6614, 125.1768



147.7380, 0.1292, -88.3472



93.6030, 2.1677, 4.7332



64.0130, 34.5036, 86.8116



14.0700, 7.3605, 19.2326

Previews

White Background



This preview shows how the YUV color 106.6980, 32.1939, 80.9489 looks on a white background.

Color Contrast Check

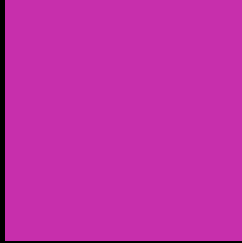
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.6980, 32.1939, 80.9489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

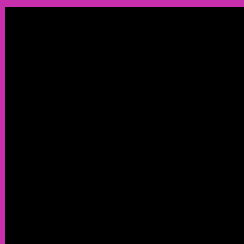
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.6980, 32.1939, 80.9489

Background



This preview shows how black text looks on a background with the YUV color 106.6980, 32.1939, 80.9489.



This preview shows how white text looks on a background with the YUV color 106.6980, 32.1939, 80.9489.

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

106.6980, 32.1939, 80.9489

Protanopia

104.7780, 60.2554, -53.3023

Deuteranopia

115.6880, 23.3248, -14.6354



Tritanopia

112.3570, -14.4730, 68.9699

Trichromacy



Original Color

106.6980, 32.1939, 80.9489



Protanomaly

105.1540, 50.2101, -4.5201



Deuteranomaly

112.1190, 26.5633, 20.0666



Tritanomaly

110.4450, 2.2456, 73.2777

Monochromacy



Original Color

106.6980, 32.1939, 80.9489



Achromatopsia

107.0000, 0.0000, 0.0000



Achromatomaly

106.6890, 11.9853, 29.2137

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.6980, 32.1939, 80.9489 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(199, 47, 172)` looks like.

```
.text, #text, p{  
    color:rgb(199, 47, 172)  
}
```

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(199, 47, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 47, 172) }
```

Border

The CSS property to change the border of an element to YUV 106.6980, 32.1939, 80.9489 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(199, 47, 172) }
```


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

```
.border{ border-color:rgb(199, 47, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 47, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 47, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 47, 172);  
box-shadow:4px 4px 4px 4px rgb(199, 47,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 106.6980, 32.1939, 80.9489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 47, 172) }
```

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

```
.background{ background-color: rgb(199, 47,  
172) }
```

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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