

Converting Colors

YUV(108.9040, 39.9803,
103.5702)

Have a look what the booklet for
YUV(108.9040, 39.9803, 103.5702)
contains.

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Color

**YUV(108.9040, 39.9803,
103.5702)**

Conversions

Conversions Part 1

Format	Color
Hex	E321BE
RGB	227, 33, 190
RGB Percent	89%, 13%, 75%
CMY	0.1098, 0.8706, 0.2549
CMYK	0.00, 0.85, 0.16, 0.11
HSL	311°, 78%, 51%
HSV	311°, 85%, 89%
XYZ	41.5167, 21.1363, 50.6067
YIQ	108.9040, 65.2270, 89.9550

Conversions

Conversions Part 2

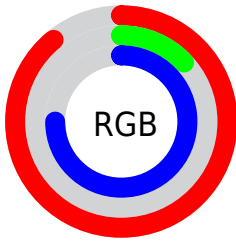
Format	Color
R _Y B	227, 33, 190
Decimal	14885310
CIE Lab	53.10, 81.53, -35.79
CIE LCh	53, 89.042, 336.302
Yxy	21.1363, 0.3666, 0.1866
Android (android.graphics.Color)	4293075390 (0xFFE321BE)
YUV	108.9040, 39.9803, 103.5702
Hunter-Lab	45.9742, 80.7381, -33.0823

Details

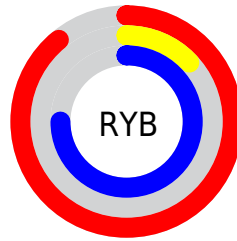
The YUV color **108.9040, 39.9803, 103.5702** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **151.0960, -39.9803, -103.5702**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.6250, 39.6249, 77.5049**, and **65.4370, 34.7876, 89.0708** is the 20% darker color. If you saturate the color by 10%, you get **94.9470, 44.8891, 115.8105**, and if you desaturate by 10%, it is **122.8610, 35.0715, 91.3299**.

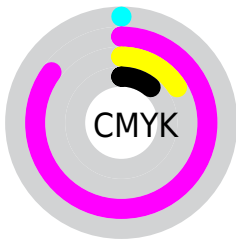
Distribution



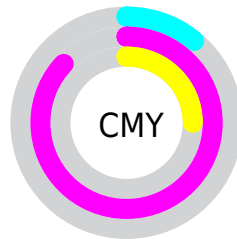
- Red (89%)
- Green (13%)
- Blue (75%)



- Red (89%)
- Yellow (13%)
- Blue (75%)



- Cyan (0%)
- Magenta (85%)
- Yellow (16%)
- Black (11%)





- Cyan (11%)
- Magenta (87%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.9040, 39.9803, 103.5702 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 108.9040, 39.9803, 103.5702 by changing the saturation by 10% instead.


 108.9040, 39.9803,
103.5702

 108.9040, 39.9803,
103.5702


255.0000, 0.0000,
0.0000


 77.4850, 42.1589,
104.8147

 166.6250, 39.6249,
77.5049


 65.4370, 34.7876,
89.0708

 185.7340, 34.1481,
60.7463

 53.5030, 27.8530,
73.2269


 203.3440, 25.4664,
45.3023

 41.9820, 21.2079,
57.8978

 220.9540, 16.7847,
29.8583

 30.9880, 15.2889,
42.9835

 238.5640, 8.1029,
14.4144

 19.9940, 9.3700,
28.0693

 6.0100, 4.9251,

7.0072

■ 0.0000, 0.0000,
0.0000

■ 108.9040, 39.9803,
103.5702

■ 108.9040, 39.9803,
103.5702

■ 94.9470, 44.8891,
115.8105

■ 122.8610, 35.0715,
91.3299

■ 88.8490, 46.9094,
121.1584

■ 136.3450, 30.8889,
79.5044

■ 150.3020, 25.9801,
67.2641

■ 164.2590, 21.0713,
55.0239

■ 178.3300, 16.5993,
42.6836

■ 191.7000, 11.9799,
30.9581

■ 205.6570, 7.0711,
18.7178

■ 219.7280, 2.5991,
6.3775

■ 233.0980, -2.0203,
-5.3479

Harmonies

Analogous

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



127.8260, 61.2178, 11.5536



108.9040, 39.9803, 103.5702



89.2410, 12.2062, 145.3706

Triad

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



108.9040, 39.9803, 103.5702



117.5830, -57.9684, 19.6597



117.4840, 49.0614, -103.0335

Complementary

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



108.9040, 39.9803, 103.5702



151.0960, -39.9803, -103.5702

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.



108.9340, 16.3015, -95.5351



108.9040, 39.9803, 103.5702



100.3530, -49.4740, -45.0366

Square

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



108.9040, 39.9803, 103.5702



117.6250, -57.9891, 73.1199



97.2380, -18.3583, -85.2777



117.7070, 67.6854, -103.2290

Rectangle

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



108.9040, 39.9803, 103.5702



87.1550, -10.9224, 143.6921



97.2380, -18.3583, -85.2777



114.7480, 38.5782, -100.6340

Sweetspot

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



108.9040, 39.9803, 103.5702



214.7760, 13.4214, 35.2764



65.8800, 79.4322, 2.7362



103.6080, 8.0813, 21.3918



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.



108.9040, 39.9803, 103.5702



99.7290, 52.3916, 136.1727



97.9600, -1.9523, 113.1681



107.7280, 2.5991, 6.3775



69.9370, 36.5131, 95.6483



19.9230, 10.3910, 27.2545

Inverse Universe

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



108.9040, 39.9803, 103.5702



99.7290, 52.3916, 136.1727



162.0400, 1.9523, -113.1681



107.7280, 2.5991, 6.3775



69.9370, 36.5131, 95.6483



19.9230, 10.3910, 27.2545

Previews

White Background



This preview shows how the YUV color 108.9040, 39.9803, 103.5702 looks on a white background.

Color Contrast Check

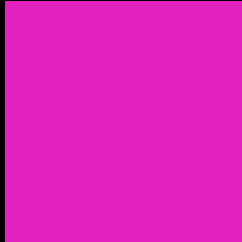
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 108.9040, 39.9803, 103.5702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

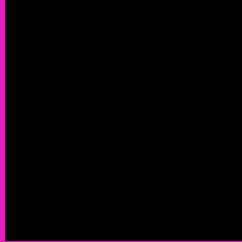
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 108.9040, 39.9803, 103.5702 Background



This preview shows how black text looks on a background with the YUV color 108.9040, 39.9803, 103.5702.



This preview shows how white text looks on a background with the YUV color 108.9040, 39.9803, 103.5702.

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

108.9040, 39.9803, 103.5702

Protanopia

112.6330, 70.1869, -65.4531

Deuteranopia

127.2580, 25.5088, -15.1353



Tritanopia

121.1310, -18.3056, 84.9541

Trichromacy



Original Color

108.9040, 39.9803, 103.5702



Protanomaly

111.1570, 59.0826, -3.6457



Deuteranomaly

120.6130, 30.7568, 28.4034



Tritanomaly

116.4950, 3.2070, 91.6509

Monochromacy



Original Color

108.9040, 39.9803, 103.5702



Achromatopsia

109.0000, 0.0000, 0.0000



Achromatomaly

108.7270, 14.4316, 37.9504

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.9040, 39.9803, 103.5702 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(227, 33, 190)` looks like.

```
.text, #text, p{  
    color:rgb(227, 33, 190)  
}
```

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(227, 33, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 33, 190) }
```

Border

The CSS property to change the border of an element to YUV 108.9040, 39.9803, 103.5702 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(227, 33, 190) }
```


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

```
.border{ border-color:rgb(227, 33, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 33, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 33, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 33, 190);  
box-shadow:4px 4px 4px 4px rgb(227, 33,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 108.9040, 39.9803, 103.5702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 33, 190) }
```

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

```
.background{ background-color: rgb(227, 33,  
190) }
```

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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