

Converting Colors

YUV(108.9510, 38.4782,
71.9570)

Have a look what the booklet for
YUV(108.9510, 38.4782, 71.9570)
contains.

YUV(108.9510, 38.4782, 71.9570)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(108.9510, 38.4782,
71.9570)**

Conversions

Conversions Part 1

Format	Color
Hex	BF34BB
RGB	191, 52, 187
RGB Percent	75%, 20%, 73%
CMY	0.2510, 0.7961, 0.2667
CMYK	0.00, 0.73, 0.02, 0.25
HSL	302°, 57%, 48%
HSV	302°, 73%, 75%
XYZ	31.6835, 17.1202, 48.6483
YIQ	108.9510, 39.5090, 71.4530

Conversions

Conversions Part 2

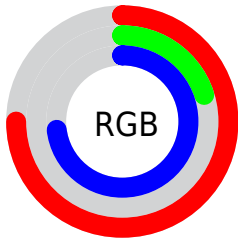
Format	Color
R_{YB}	191, 52, 187
Decimal	12530875
CIE _{Lab}	48.41, 69.05, -41.84
CIE _{LCh}	48, 80.739, 328.785
Y _{xy}	17.1202, 0.3251, 0.1757
Android (android.graphics.Color)	4290720955 (0xFFBF34BB)
YUV	108.9510, 38.4782, 71.9570
Hunter-Lab	41.3766, 64.2747, -40.7464

Details

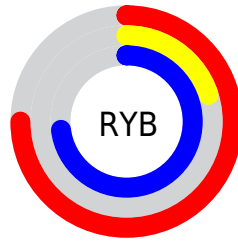
The YUV color **108.9510, 38.4782, 71.9570** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **134.0490, -38.4782, -71.9570**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.3100, 37.3152, 71.6421**, and **55.2280, 38.3416, 69.0830** is the 20% darker color. If you saturate the color by 10%, you get **97.6840, 43.5398, 81.8381**, and if you desaturate by 10%, it is **120.2180, 33.4165, 62.0758**.

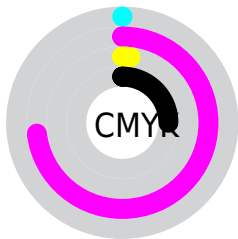
Distribution



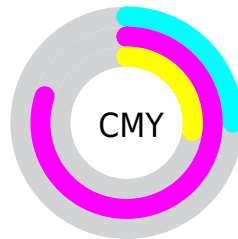
- Red (75%)
- Green (20%)
- Blue (73%)



- Red (75%)
- Yellow (20%)
- Blue (73%)



- Cyan (0%)
- Magenta (73%)
- Yellow (2%)
- Black (25%)





- Cyan (25%)
- Magenta (80%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.9510, 38.4782, 71.9570 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 108.9510, 38.4782, 71.9570 by changing the saturation by 10% instead.


 108.9510, 38.4782,
71.9570


 108.9510, 38.4782,
71.9570


255.0000, 0.0000,
0.0000


 69.6130, 44.5608,
81.0234


 168.3100, 37.3152,
71.6421


 55.2280, 38.3416,
69.0830


 188.0820, 32.9906,
58.6871


 43.5930, 31.2597,
53.8539


 204.5180, 24.8876,
44.2727

 32.6700, 24.3197,
39.7544

 221.5410, 16.4953,
29.3435

 22.5730, 17.9585,
26.6845

 239.1510, 7.8136,
13.8996

 10.0840, 12.7766,
8.6963

 1.2540, 4.8048,

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 108.9510, 38.4782,
71.9570

■ 108.9510, 38.4782,
71.9570

■ 97.6840, 43.5398,
81.8381

■ 120.2180, 33.4165,
62.0758

■ 86.5310, 49.0382,
91.6193

■ 131.3710, 27.9181,
52.2946

■ 78.3130, 53.0897,
98.8265

■ 142.6380, 22.8565,
42.4135

■ 153.7910, 17.3580,
32.6323

■ 165.0580, 12.2964,
22.7511

■ 176.7980, 6.5086,
12.4552

■ 188.0650, 1.4470,
2.5740

■ 199.2180, -4.0515,
-7.2072

■ 210.4850, -9.1131,
-17.0883

Harmonies

Analogous

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



112.3510, 61.4520, -16.9708



108.9510, 38.4782, 71.9570



81.9660, 19.2438, 128.0718

Triad

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



108.9510, 38.4782, 71.9570



108.5010, -53.4910, 30.2556



104.4610, 37.2407, -91.6123

Complementary

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



108.9510, 38.4782, 71.9570



134.0490, -38.4782, -71.9570

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.



95.8940, 6.9543, -84.0990



108.9510, 38.4782, 71.9570



97.8490, -48.2396, -20.9156

Square

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



108.9510, 38.4782, 71.9570



105.2540, -51.8902, 76.9532



84.9960, -24.6480, -74.5415



108.1550, 61.5486, -94.8519

Rectangle

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



108.9510, 38.4782, 71.9570



77.4340, -0.7070, 133.8004



84.9960, -24.6480, -74.5415



101.8390, 27.1944, -89.3128

Sweetspot

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



108.9510, 38.4782, 71.9570



215.1880, 15.1903, 27.8991



68.4440, 60.4201, -12.6674



105.5150, 9.1131, 17.0883



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



108.9510, 38.4782, 71.9570



120.1110, 59.5983, 111.2817



101.1990, 8.7759, 78.7555



88.7170, 2.6045, 4.6332



64.7980, 43.9766, 81.7382



12.6890, 8.5343, 16.0587

Inverse Universe

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



108.9510, 38.4782, 71.9570



120.1110, 59.5983, 111.2817



141.8010, -8.7759, -78.7555



88.7170, 2.6045, 4.6332



64.7980, 43.9766, 81.7382



12.6890, 8.5343, 16.0587

Previews

White Background



This preview shows how the YUV color 108.9510, 38.4782, 71.9570 looks on a white background.

Color Contrast Check

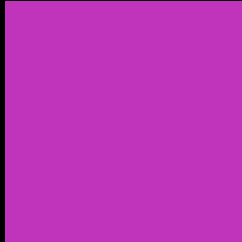
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.9510, 38.4782, 71.9570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

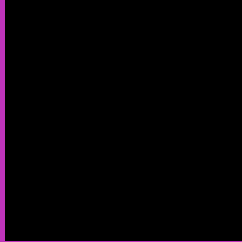
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.9510, 38.4782, 71.9570

Background



This preview shows how black text looks on a background with the YUV color 108.9510, 38.4782, 71.9570.



This preview shows how white text looks on a background with the YUV color 108.9510, 38.4782, 71.9570.

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

108.9510, 38.4782, 71.9570

Protanopia

92.1750, 71.3987, -80.8375

Deuteranopia

113.0980, 31.5037, -24.6419



Tritanopia

114.0890, -11.3829, 57.8039

Trichromacy



Original Color

108.9510, 38.4782, 71.9570



Protanomaly

98.4270, 59.4425, -25.8075



Deuteranomaly

111.7140, 34.1580, 10.7748



Tritanomaly

112.2310, 6.7881, 62.9414

Monochromacy



Original Color

108.9510, 38.4782, 71.9570



Achromatopsia

109.0000, 0.0000, 0.0000



Achromatomaly

108.8350, 13.8853, 26.4547

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.9510, 38.4782, 71.9570 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(191, 52, 187)` looks like.

```
.text, #text, p{  
    color:rgb(191, 52, 187)  
}
```

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(191, 52, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 52, 187) }
```

Border

The CSS property to change the border of an element to YUV 108.9510, 38.4782, 71.9570 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(191, 52, 187) }
```


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

```
.border{ border-color:rgb(191, 52, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 52, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 52, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 52, 187);  
box-shadow:4px 4px 4px 4px rgb(191, 52,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 108.9510, 38.4782, 71.9570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 52, 187) }
```

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

```
.background{ background-color: rgb(191, 52,  
187) }
```

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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