

Converting Colors

YUV(78.4120, 49.5899,
101.3707)

Have a look what the booklet for
YUV(78.4120, 49.5899, 101.3707)
contains.

YUV(78.4120, 49.5899, 101.3707)	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>	30

Color

**YUV(78.4120, 49.5899,
101.3707)**

Conversions

Conversions Part 1

Format	Color
Hex	C200B3
RGB	194, 0, 179
RGB Percent	76%, 0%, 70%
CMY	0.2392, 1.0000, 0.2980
CMYK	0.00, 1.00, 0.08, 0.24
HSL	305°, 100%, 38%
HSV	305°, 100%, 76%
XYZ	30.3848, 14.7240, 43.8884
YIQ	78.4120, 58.1650, 96.7970

Conversions

Conversions Part 2

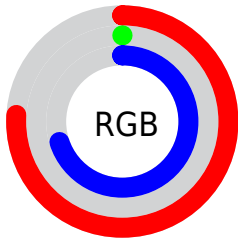
Format	Color
RYB	194, 0, 179
Decimal	12714163
CIELab	45.25, 77.86, -42.13
CIElCh	45, 88.524, 331.582
Yxy	14.7240, 0.3414, 0.1654
Android (android.graphics.Color)	4290904243 (0xFFC200B3)
YUV	78.4120, 49.5899, 101.3707
Hunter-Lab	38.3719, 74.1947, -40.9535

Details

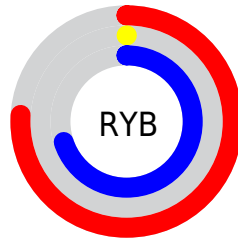
The YUV color **78.4120, 49.5899, 101.3707** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **115.5880, -49.5899, -101.3707**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.9790, 39.4504, 86.8414**, and **54.7290, 35.1366, 70.3977** is the 20% darker color. If you saturate the color by 10%, you get **78.4120, 49.5899, 101.3707**, and if you desaturate by 10%, it is **89.7930, 44.9651, 91.3895**.

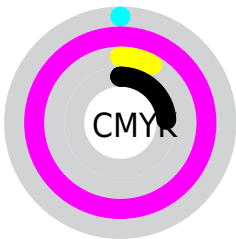
Distribution



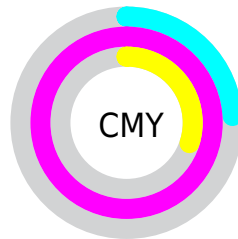
- Red (76%)
- Green (0%)
- Blue (70%)



- Red (76%)
- Yellow (0%)
- Blue (70%)



- Cyan (0%)
- Magenta (100%)
- Yellow (8%)
- Black (24%)





- Cyan (24%)
- Magenta (100%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.4120, 49.5899, 101.3707 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 78.4120, 49.5899, 101.3707 by changing the saturation by 10% instead.


 78.4120, 49.5899,
101.3707


 78.4120, 49.5899,
101.3707


255.0000, 0.0000,
0.0000


 66.6630, 42.0711,
86.2415


 154.9790, 39.4504,
86.8414


 54.7290, 35.1366,
70.3977


 175.7550, 39.0678,
69.4979


 43.3930, 27.9073,
55.7833


 193.3650, 30.3861,
54.0539

 32.1710, 21.1147,
41.0690

 210.3880, 21.9937,
39.1247

 21.4760, 15.0483,
26.7695

 227.9980, 13.3120,
23.6808

 8.5030, 10.5980,
7.4519

 245.6080, 4.6303,

 0.0000, 0.0000,

8.2368

0.0000

■ 78.4120, 49.5899,
101.3707

■ 89.7930, 44.9651,
91.3895

■ 101.6470, 39.6140,
80.9936

■ 113.0280, 34.9892,
71.0124

■ 124.8820, 29.6382,
60.6165

■ 136.2630, 25.0133,
50.6353

■ 147.5300, 19.9517,
40.7542

■ 159.4980, 15.0375,
30.2583

■ 170.7650, 9.9759,
20.3771

■ 182.7330, 5.0616,
9.8812

Harmonies

Analogous

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



103.7200, 65.2140, -10.2784



78.4120, 49.5899, 101.3707



80.3700, 13.1286, 129.4715

Triad

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



78.4120, 49.5899, 101.3707



100.4940, -49.5435, 24.1228



100.8080, 41.0137, -88.4086

Complementary

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



78.4120, 49.5899, 101.3707



115.5880, -49.5899, -101.3707

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.



91.6710, 8.5432, -80.3955



78.4120, 49.5899, 101.3707



86.5420, -42.6652, -35.5553

Square

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



78.4120, 49.5899, 101.3707



97.2800, -47.9590, 76.0534



80.3340, -27.2797, -70.4529



104.7300, 66.1951, -91.8482

Rectangle

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



78.4120, 49.5899, 101.3707



74.5990, -7.6903, 133.6557



80.3340, -27.2797, -70.4529



98.0720, 30.5305, -86.0091

Sweetspot

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



78.4120, 49.5899, 101.3707



207.4050, 19.5203, 39.1098



26.0030, 82.8225, -11.4036



100.5420, 11.5648, 24.0807



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.



78.4120, 49.5899, 101.3707



101.9100, 64.6274, 131.6289



67.5820, 8.0941, 110.8686



91.0160, 2.4571, 5.2480



65.0110, 40.9136, 84.1824



13.4010, 8.6763, 17.1883

Inverse Universe

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



78.4120, 49.5899, 101.3707



101.9100, 64.6274, 131.6289



126.4180, -8.0941, -110.8686



91.0160, 2.4571, 5.2480



65.0110, 40.9136, 84.1824



13.4010, 8.6763, 17.1883

Previews

White Background



This preview shows how the YUV color 78.4120, 49.5899, 101.3707 looks on a white background.

Color Contrast Check

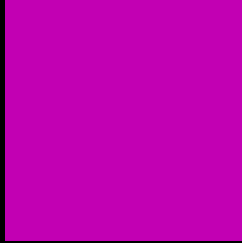
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.4120, 49.5899, 101.3707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

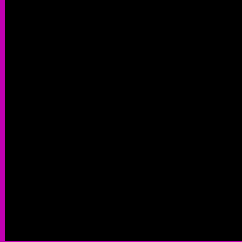
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.4120, 49.5899, 101.3707

Background



This preview shows how black text looks on a background with the YUV color 78.4120, 49.5899, 101.3707.

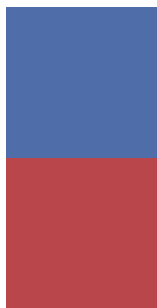


This preview shows how white text looks on a background with the YUV color 78.4120, 49.5899,

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



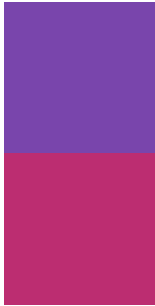
Deuteranopia

106.7560, 30.1933, -24.3420

Tritanopia

104.6560, -14.6204, 69.5847

Trichromacy



Deuteranomaly

96.2900, 37.3250, 21.6707

Tritanomaly

95.5090, 8.6231, 81.1146

Monochromacy



Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.3400, 18.0734, 36.5358

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.4120, 49.5899, 101.3707 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(194, 0, 179)` looks like.

```
.text, #text, p{  
    color:rgb(194, 0, 179)  
}
```

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(194, 0, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 0, 179) }
```

Border

The CSS property to change the border of an element to YUV 78.4120, 49.5899, 101.3707 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(194, 0, 179) }
```

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

```
.border{ border-color:rgb(194, 0, 179) }
```

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

Here you see how a box with a 4 pixel rgb(194, 0, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 0, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 0, 179);  
box-shadow:4px 4px 4px 4px rgb(194, 0,  
179) }
```


Background

The CSS property to change the background color of an element to YUV 78.4120, 49.5899, 101.3707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 0, 179) }
```

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

```
.background{ background-color: rgb(194, 0,  
179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor