

Converting Colors

YUV(78.9240, 39.4775, 78.1197)

Have a look what the booklet for
YUV(78.9240, 39.4775, 78.1197)
contains.

YUV(78.9240, 39.4775, 78.1197)	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(78.9240, 39.4775,
78.1197)**

Conversions

Conversions Part 1

Format	Color
Hex	A8129F
RGB	168, 18, 159
RGB Percent	66%, 7%, 62%
CMY	0.3412, 0.9294, 0.3765
CMYK	0.00, 0.89, 0.05, 0.34
HSL	304°, 81%, 36%
HSV	304°, 89%, 66%
XYZ	22.6228, 11.2606, 33.7821
YIQ	78.9240, 44.1390, 75.6510

Conversions

Conversions Part 2

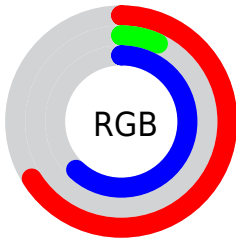
Format	Color
R_{YB}	168, 18, 159
Decimal	11014815
CIE _{Lab}	40.02, 68.42, -38.82
CIE _{LCh}	40, 78.661, 330.431
Yxy	11.2606, 0.3343, 0.1664
Android (android.graphics.Color)	4289204895 (0xFFA8129F)
YUV	78.9240, 39.4775, 78.1197
Hunter-Lab	33.5569, 61.6133, -36.1980

Details

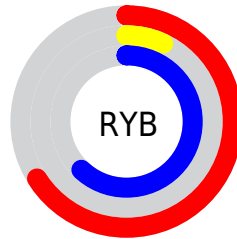
The YUV color **78.9240, 39.4775, 78.1197** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **107.0760, -39.4775, -78.1197**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.9250, 34.5470, 72.8568**, and **45.3870, 30.3752, 57.5426** is the 20% darker color. If you saturate the color by 10%, you get **68.8310, 43.9603, 86.9712**, and if you desaturate by 10%, it is **89.0170, 34.9946, 69.2681**.

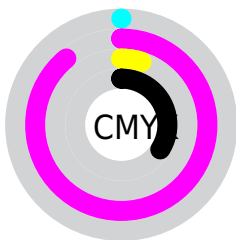
Distribution



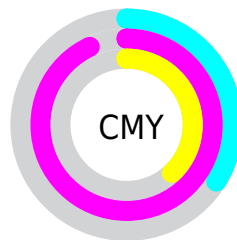
- Red (66%)
- Green (7%)
- Blue (62%)



- Red (66%)
- Yellow (7%)
- Blue (62%)



- Cyan (0%)
- Magenta (89%)
- Yellow (5%)
- Black (34%)



- Cyan (34%)
- Magenta (93%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.9240, 39.4775, 78.1197 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 78.9240, 39.4775, 78.1197 by changing the saturation by 10% instead.

■ 78.9240, 39.4775,
78.1197

■ 78.9240, 39.4775,
78.1197

■ 255.0000, 0.0000,
0.0000

■ 56.6090, 37.1678,
72.2569

■ 143.9250, 34.5470,
72.8568

■ 45.3870, 30.3752,
57.5426

■ 172.6260, 34.6944,
72.2420

■ 34.4640, 23.4352,
43.4431

■ 191.0170, 31.5436,
56.1131

■ 24.3670, 17.0741,
30.3731

■ 207.4530, 23.4407,
41.6987

■ 12.7750, 11.4499,
14.2293

■ 224.4760, 15.0483,
26.7695

■ 1.2540, 4.8048,
-1.0998

■ 242.0860, 6.3666,

■ 0.0000, 0.0000,

11.3256

0.0000

■ 78.9240, 39.4775,
78.1197

■ 78.9240, 39.4775,
78.1197

■ 68.8310, 43.9603,
86.9712

■ 89.0170, 34.9946,
69.2681

■ 68.2440, 44.2497,
87.4860

■ 99.1100, 30.5118,
60.4165

■ 108.6160, 26.3183,
52.0798

■ 118.7090, 21.8355,
43.2282

■ 128.8020, 17.3526,
34.3766

■ 138.8950, 12.8698,
25.5251

■ 148.9880, 8.3869,
16.6735

■ 158.4940, 4.1935,
8.3368

■ 168.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



91.2330, 57.0731, -12.4823



78.9240, 39.4775, 78.1197



70.7440, 12.4512, 113.3575

Triad

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



78.9240, 39.4775, 78.1197



88.9760, -43.8652, 22.8230



88.5660, 34.7240, -77.6724

Complementary

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



78.9240, 39.4775, 78.1197



107.0760, -39.4775, -78.1197

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.



80.5690, 6.6215, -70.6590



78.9240, 39.4775, 78.1197



77.4490, -38.1824, -26.7038

Square

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



78.9240, 39.4775, 78.1197



86.0170, -42.4064, 68.3911



70.3720, -24.8334, -61.7162



91.6900, 56.8478, -80.4121

Rectangle

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



78.9240, 39.4775, 78.1197



66.0700, -5.4575, 117.4566



70.3720, -24.8334, -61.7162



86.1720, 25.5512, -75.5728

Sweetspot

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



78.9240, 39.4775, 78.1197



184.0250, 15.7637, 30.6731



37.4920, 64.3404, -10.0785



89.2270, 9.2551, 18.2179



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



78.9240, 39.4775, 78.1197



88.9650, 57.6983, 114.0407



70.4880, 7.1544, 85.5180



79.3040, 2.3151, 4.1184



60.0980, 38.8987, 77.0901



8.1460, 5.3510, 10.3960

Inverse Universe

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



78.9240, 39.4775, 78.1197



88.9650, 57.6983, 114.0407



115.3980, -7.5912, -85.4180



79.3040, 2.3151, 4.1184



60.0980, 38.8987, 77.0901



8.1460, 5.3510, 10.3960

Previews

White Background



This preview shows how the YUV color 78.9240, 39.4775, 78.1197 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 78.9240, 39.4775, 78.1197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

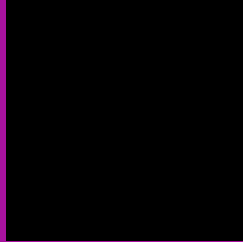
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.9240, 39.4775, 78.1197

Background



This preview shows how black text looks on a background with the YUV color 78.9240, 39.4775, 78.1197.



This preview shows how white text looks on a background with the YUV color 78.9240, 39.4775,

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

78.9240, 39.4775, 78.1197

Protanopia

76.9350, 58.6990, -67.4720

Deuteranopia

93.4850, 27.8619, -23.2273



Tritanopia

92.8610, -12.2565, 58.0039

Trichromacy



Original Color

78.9240, 39.4775, 78.1197



Protanomaly

77.8430, 51.8424, -14.7713



Deuteranomaly

88.4540, 31.8212, 13.6338



Tritanomaly

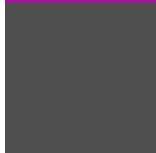
87.5410, 6.6353, 65.3005

Monochromacy



Original Color

78.9240, 39.4775, 78.1197



Achromatopsia

79.0000, 0.0000, 0.0000



Achromatomaly

78.9600, 14.3167, 28.0991

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.9240, 39.4775, 78.1197 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(168, 18, 159)` looks like.

```
.text, #text, p{  
    color:rgb(168, 18, 159)  
}
```

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(168, 18, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 18, 159) }
```

Border

The CSS property to change the border of an element to YUV 78.9240, 39.4775, 78.1197 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(168, 18, 159) }
```


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

```
.border{ border-color:rgb(168, 18, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 18, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 18, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 18, 159);  
box-shadow:4px 4px 4px 4px rgb(168, 18,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 78.9240, 39.4775, 78.1197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 18, 159) }
```

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

```
.background{ background-color: rgb(168, 18,  
159) }
```

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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