

Converting Colors

YUV(119.0140, 19.2201,
42.0837)

Have a look what the booklet for
YUV(119.0140, 19.2201, 42.0837)
contains.

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Color

**YUV(119.0140, 19.2201,
42.0837)**

Conversions

Conversions Part 1

Format	Color
Hex	A7579E
RGB	167, 87, 158
RGB Percent	65%, 34%, 62%
CMY	0.3451, 0.6588, 0.3804
CMYK	0.00, 0.48, 0.05, 0.35
HSL	307°, 31%, 50%
HSV	307°, 48%, 65%
XYZ	25.5161, 17.5005, 34.3808
YIQ	119.0140, 24.8890, 39.0410

Conversions

Conversions Part 2

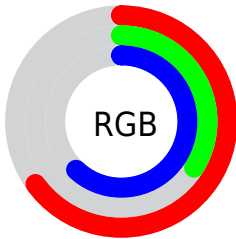
Format	Color
R_{YB}	167, 87, 158
Decimal	10966942
CIE _{Lab}	48.88, 42.87, -24.32
CIE _{LCh}	49, 49.292, 330.435
Yxy	17.5005, 0.3297, 0.2261
Android (android.graphics.Color)	4289157022 (0xFFA7579E)
YUV	119.0140, 19.2201, 42.0837
Hunter-Lab	41.8336, 35.6660, -19.4438

Details

The YUV color **119.0140, 19.2201, 42.0837** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **134.9860, -19.2201, -42.0837**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8510, 19.7935, 44.8577**, and **67.0030, 19.2255, 40.3394** is the 20% darker color. If you saturate the color by 10%, you get **108.8070, 23.2661, 51.0353**, and if you desaturate by 10%, it is **129.2210, 15.1740, 33.1322**.

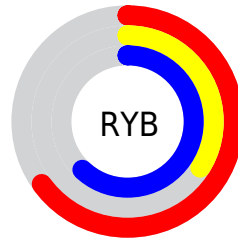
Distribution



Red (65%)

Green (34%)

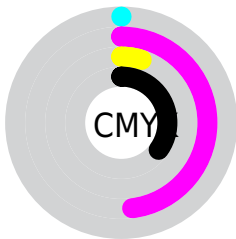
Blue (62%)



Red (65%)

Yellow (34%)

Blue (62%)

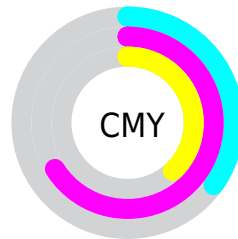


Cyan (0%)

Magenta (48%)

Yellow (5%)

Black (35%)



Cyan (35%)

Magenta (66%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.0140, 19.2201, 42.0837 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 119.0140, 19.2201, 42.0837 by changing the saturation by 10% instead.

■ 119.0140, 19.2201,
42.0837

■ 119.0140, 19.2201,
42.0837

■ 255.0000, 0.0000,
0.0000

■ 93.3020, 19.0781,
40.9541

■ 172.8510, 19.7935,
44.8577

■ 67.0030, 19.2255,
40.3394

■ 201.1500, 19.6461,
45.4725

■ 37.7090, 21.8355,
43.2282

■ 219.1930, 17.6529,
31.4027

■ 25.2640, 16.6318,
32.2175

■ 236.2160, 9.2605,
16.4736

■ 16.4770, 10.1178,
21.5067

■ 253.2390, 0.8682,
1.5444

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,

0.0000

■ 119.0140, 19.2201,
42.0837

■ 119.0140, 19.2201,
42.0837

■ 108.8070, 23.2661,
51.0353

■ 129.2210, 15.1740,
33.1322

■ 99.1870, 27.0228,
59.4720

■ 138.8410, 11.4174,
24.6954

■ 88.9800, 31.0689,
68.4235

■ 149.0480, 7.3713,
15.7439

■ 78.7730, 35.1149,
77.3751

■ 159.2550, 3.3253,
6.7924

■ 68.6800, 39.5978,
86.2266

■ 168.7610, -0.8682,
-1.5444

■ 66.8050, 40.0291,
87.8710

■ 178.9680, -4.9142,
-10.4959

■ 189.1750, -8.9603,
-19.4475

■ 199.3820,
-13.0063, -28.3990

■ 209.0020,
-16.7630, -36.8358

Harmonies

Analogous

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



118.0500, 34.4854, -0.9208



119.0140, 19.2201, 42.0837



115.3470, 0.8149, 65.4707

Triad

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



119.0140, 19.2201, 42.0837



110.5030, -43.1390, 23.2379



97.7300, 29.2201, -85.7092

Complementary

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



119.0140, 19.2201, 42.0837



134.9860, -19.2201, -42.0837

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.



92.9420, 10.8746, -81.5101



119.0140, 19.2201, 42.0837



106.6990, -33.8686, -10.2600

Square

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



119.0140, 19.2201, 42.0837



113.1440, -35.0740, 49.8627



95.3630, -11.0250, -57.3234



98.3290, 44.2078, -86.2345

Rectangle

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



119.0140, 19.2201, 42.0837



113.9270, -12.2890, 68.4700



95.3630, -11.0250, -57.3234



96.2480, 23.5417, -84.4095

Sweetspot

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



119.0140, 19.2201, 42.0837



198.3470, 7.2239, 16.3587



98.5120, 33.7646, -3.0800



98.6190, 4.6248, 9.9811



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.



119.0140, 19.2201, 42.0837



142.6160, 29.7693, 65.2348



114.5680, 2.1850, 45.9829



79.1900, 1.8783, 4.2184



59.1860, 35.4043, 77.8899



8.0320, 4.9142, 10.4959

Inverse Universe

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



119.0140, 19.2201, 42.0837



142.6160, 29.7693, 65.2348



139.4320, -2.1850, -45.9829



79.1900, 1.8783, 4.2184



59.1860, 35.4043, 77.8899



8.0320, 4.9142, 10.4959

Previews

White Background



This preview shows how the YUV color 119.0140, 19.2201, 42.0837 looks on a white background.

Color Contrast Check

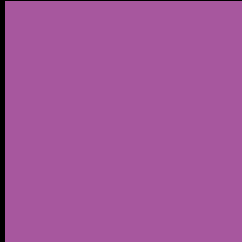
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.0140, 19.2201, 42.0837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

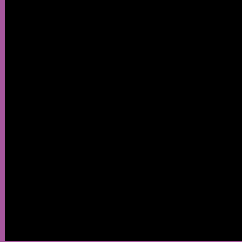
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.0140, 19.2201, 42.0837

Background



This preview shows how black text looks on a background with the YUV color 119.0140, 19.2201, 42.0837.



This preview shows how white text looks on a background with the YUV color 119.0140, 19.2201, 42.0837.

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

119.0140, 19.2201, 42.0837

Protanopia

115.8320, 31.6348, -20.0237

Deuteranopia

117.2390, 17.6302, -8.1026



Tritanopia

118.3360, -6.0816, 37.4163

Trichromacy



Original Color

119.0140, 19.2201, 42.0837

Protanomaly

117.1230, 27.0544, 2.5231

Deuteranomaly

117.8760, 18.3021, 9.7557

Tritanomaly

118.7520, 3.0803, 38.8055

Monochromacy



Original Color

119.0140, 19.2201, 42.0837

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.6350, 7.0819, 15.2291

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.0140, 19.2201, 42.0837 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(167, 87, 158)` looks like.

```
.text, #text, p{  
    color:rgb(167, 87, 158)  
}
```

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(167, 87, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 87, 158) }
```

Border

The CSS property to change the border of an element to YUV 119.0140, 19.2201, 42.0837 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(167, 87, 158) }
```


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

```
.border{ border-color:rgb(167, 87, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 87, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 87, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 87, 158);  
box-shadow:4px 4px 4px 4px rgb(167, 87,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 119.0140, 19.2201, 42.0837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 87, 158) }
```

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

```
.background{ background-color: rgb(167, 87,  
158) }
```

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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