

Converting Colors

YUV(99.1920, 26.0343, 49.8206)

Have a look what the booklet for
YUV(99.1920, 26.0343, 49.8206)
contains.

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Color

**YUV(99.1920, 26.0343,
49.8206)**

Conversions

Conversions Part 1

Format	Color
Hex	9C3C98
RGB	156, 60, 152
RGB Percent	61%, 24%, 60%
CMY	0.3882, 0.7647, 0.4039
CMYK	0.00, 0.62, 0.03, 0.39
HSL	302°, 44%, 42%
HSV	302°, 62%, 61%
XYZ	20.9937, 12.5666, 31.0249
YIQ	99.1920, 27.6840, 48.9640

Conversions

Conversions Part 2

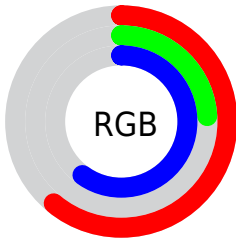
Format	Color
R_{YB}	156, 60, 152
Decimal	10239128
CIE _{Lab}	42.10, 51.80, -31.43
CIE _{LCh}	42, 60.587, 328.751
Yxy	12.5666, 0.3251, 0.1946
Android (android.graphics.Color)	4288429208 (0xFF9C3C98)
YUV	99.1920, 26.0343, 49.8206
Hunter-Lab	35.4495, 43.6736, -27.0752

Details

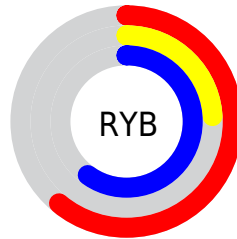
The YUV color **99.1920, 26.0343, 49.8206** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **116.8080, -26.0343, -49.8206**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.6160, 26.3183, 52.0798**, and **42.0120, 29.0811, 52.6095** is the 20% darker color. If you saturate the color by 10%, you get **89.6860, 30.2278, 58.1574**, and if you desaturate by 10%, it is **108.6980, 21.8409, 41.4839**.

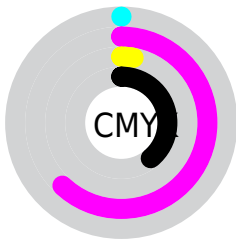
Distribution



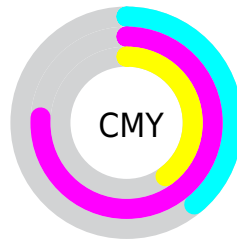
- Red (61%)
- Green (24%)
- Blue (60%)



- Red (61%)
- Yellow (24%)
- Blue (60%)



- Cyan (0%)
- Magenta (62%)
- Yellow (3%)
- Black (39%)



- Cyan (39%)
- Magenta (76%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.1920, 26.0343, 49.8206 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 99.1920, 26.0343, 49.8206 by changing the saturation by 10% instead.

99.1920, 26.0343,
49.8206

99.1920, 26.0343,
49.8206

255.0000, 0.0000,
0.0000

70.8330, 27.1973,
50.1355

153.6160, 26.3183,
52.0798

42.0120, 29.0811,
52.6095

181.9150, 26.1709,
52.6945

31.0890, 22.1411,
38.5099

203.9310, 25.1770,
44.7875

21.2910, 15.6325,
26.0548

220.3670, 17.0741,
30.3731

9.8130, 10.4452,
9.8110

237.3900, 8.6817,
15.4440

0.1140, 0.4368,
-0.1000

254.4130, 0.2894,

0.0000, 0.0000,

0.5148

0.0000

■ 99.1920, 26.0343,
49.8206

■ 99.1920, 26.0343,
49.8206

■ 89.6860, 30.2278,
58.1574

■ 108.6980, 21.8409,
41.4839

■ 80.8810, 34.5687,
65.8794

■ 117.5030, 17.5000,
33.7619

■ 71.3750, 38.7621,
74.2161

■ 127.0090, 13.3066,
25.4251

■ 63.6300, 42.0874,
81.0085

■ 135.9280, 9.4025,
17.6031

■ 145.3200, 4.7722,
9.3664

■ 154.8260, 0.5788,
1.0296

■ 163.7450, -3.3253,
-6.7924

■ 173.1370, -7.9555,
-15.0291

■ 182.0560,
-11.8596, -22.8511

Harmonies

Analogous

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



99.1120, 43.8218, -8.8682



99.1920, 26.0343, 49.8206



89.7650, 7.0179, 82.6441

Triad

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



99.1920, 26.0343, 49.8206



93.4170, -46.0546, 25.0673



87.6710, 28.7562, -76.8875

Complementary

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



99.1920, 26.0343, 49.8206



116.8080, -26.0343, -49.8206

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.



81.9710, 6.9163, -71.8886



99.1920, 26.0343, 49.8206



86.3970, -42.5937, -11.7492

Square

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



99.1920, 26.0343, 49.8206



92.4520, -45.5788, 59.2396



74.1680, -15.3658, -65.0453



89.7690, 46.9489, -78.7274

Rectangle

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



99.1920, 26.0343, 49.8206



88.9490, -8.8489, 85.1137



74.1680, -15.3658, -65.0453



85.8470, 21.7674, -75.2878

Sweetspot

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



99.1920, 26.0343, 49.8206



182.0530, 9.8339, 19.2475



71.8410, 41.4904, -7.7536



88.9720, 5.9298, 11.4256



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



99.1920, 26.0343, 49.8206



114.6790, 41.0773, 78.3345



93.8340, 5.5048, 54.5196



74.3040, 2.3151, 4.1184



58.3750, 38.7621, 74.2161



6.1950, 4.3409, 7.7220

Inverse Universe

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



99.1920, 26.0343, 49.8206



114.6790, 41.0773, 78.3345



122.1660, -5.5048, -54.5196



74.3040, 2.3151, 4.1184



58.3750, 38.7621, 74.2161



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 99.1920, 26.0343, 49.8206 looks on a white background.

Color Contrast Check

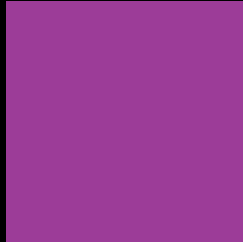
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.1920, 26.0343, 49.8206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

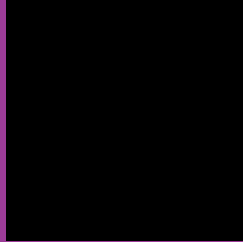
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.1920, 26.0343, 49.8206

Background



This preview shows how black text looks on a background with the YUV color 99.1920, 26.0343, 49.8206.



This preview shows how white text looks on a background with the YUV color 99.1920, 26.0343,

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

99.1920, 26.0343, 49.8206

Protanopia

94.1750, 44.7767, -35.2335

Deuteranopia

98.9760, 23.1828, -15.7650



Tritanopia

100.3150, -7.5503, 41.8197

Trichromacy



Original Color

99.1920, 26.0343, 49.8206

Protanomaly

96.2390, 37.8432, -4.5946

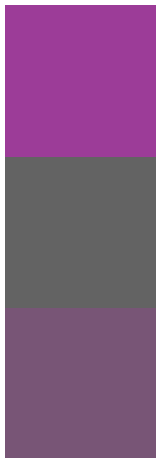
Deuteranomaly

99.0590, 24.1279, 7.8413

Tritanomaly

99.8390, 4.5164, 44.8682

Monochromacy



Original Color

99.1920, 26.0343, 49.8206

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.2270, 9.2551, 18.2179

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.1920, 26.0343, 49.8206 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(156, 60, 152)` looks like.

```
.text, #text, p{  
    color:rgb(156, 60, 152)  
}
```

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(156, 60, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 60, 152) }
```

Border

The CSS property to change the border of an element to YUV 99.1920, 26.0343, 49.8206 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(156, 60, 152) }
```


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

```
.border{ border-color:rgb(156, 60, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 60, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 60, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 60, 152);  
box-shadow:4px 4px 4px 4px rgb(156, 60,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 99.1920, 26.0343, 49.8206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 60, 152) }
```

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

```
.background{ background-color: rgb(156, 60,  
152) }
```

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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