

Converting Colors

YUV(83.4820, 19.4824, 51.3203)

Have a look what the booklet for
YUV(83.4820, 19.4824, 51.3203)
contains.

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Color

**YUV(83.4820, 19.4824,
51.3203)**

Conversions

Conversions Part 1

Format	Color
Hex	8E2E7B
RGB	142, 46, 123
RGB Percent	56%, 18%, 48%
CMY	0.4431, 0.8196, 0.5176
CMYK	0.00, 0.68, 0.13, 0.44
HSL	312°, 51%, 37%
HSV	312°, 68%, 56%
XYZ	15.7075, 9.1348, 19.6742
YIQ	83.4820, 32.4990, 44.2990

Conversions

Conversions Part 2

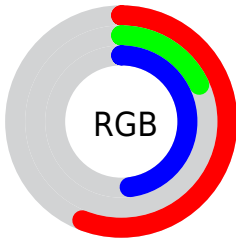
Format	Color
R_{YB}	142, 46, 123
Decimal	9318011
CIE _{Lab}	36.24, 49.20, -23.00
CIE _{LCh}	36, 54.309, 334.950
Yxy	9.1348, 0.3528, 0.2052
Android (android.graphics.Color)	4287508091 (0xFF8E2E7B)
YUV	83.4820, 19.4824, 51.3203
Hunter-Lab	30.2239, 39.8754, -17.4381

Details

The YUV color **83.4820, 19.4824, 51.3203** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **104.5180, -19.4824, -51.3203**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.3790, 19.0402, 53.1646**, and **34.7480, 19.3512, 46.7020** is the 20% darker color. If you saturate the color by 10%, you get **74.9220, 22.2235, 58.8274**, and if you desaturate by 10%, it is **92.0420, 16.7413, 43.8132**.

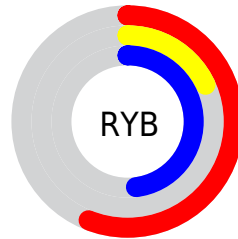
Distribution



Red (56%)

Green (18%)

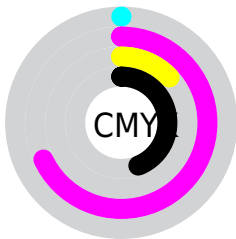
Blue (48%)



Red (56%)

Yellow (18%)

Blue (48%)

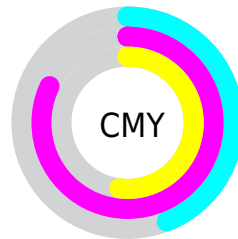


Cyan (0%)

Magenta (68%)

Yellow (13%)

Black (44%)



Cyan (44%)


Magenta (82%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YUV color 83.4820, 19.4824, 51.3203 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 83.4820, 19.4824, 51.3203 by changing the saturation by 10% instead.


 83.4820, 19.4824,
51.3203


 83.4820, 19.4824,
51.3203


255.0000, 0.0000,
0.0000

 53.7750, 21.8029,
53.6943


 137.3790, 19.0402,
53.1646


 34.7480, 19.3512,
46.7020

 164.9770, 18.7453,
54.3942


 24.6510, 12.9901,
33.6321

 192.3900, 19.0347,
54.9090

 15.0810, 7.3551,
20.9770

 211.5620, 21.4149,
38.0951

 0.0000, 0.0000,
0.0000

 228.5850, 13.0226,
23.1660

 245.0210, 4.9196,

8.7516

■ 83.4820, 19.4824,
51.3203

■ 83.4820, 19.4824,
51.3203

■ 74.9220, 22.2235,
58.8274

■ 92.0420, 16.7413,
43.8132

■ 66.3620, 24.9645,
66.3345

■ 100.6020, 14.0002,
36.3060

■ 57.3290, 28.4318,
74.2565

■ 109.6350, 10.5329,
28.3841

■ 55.4540, 28.8632,
75.9008

■ 118.1950, 7.7919,
20.8770

■ 126.7550, 5.0508,
13.3699

■ 135.3150, 2.3097,
5.8627

■ 143.8750, -0.4314,
-1.6444

■ 152.9080, -3.8986,
-9.5663

■ 161.4680, -6.6397,
-17.0734

Harmonies

Analogous

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



86.7950, 34.6111, 5.4418



83.4820, 19.4824, 51.3203



76.0430, 1.9508, 74.5073

Triad

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



83.4820, 19.4824, 51.3203



79.4850, -39.1861, 15.3607



76.3240, 28.4343, -66.9361

Complementary

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



83.4820, 19.4824, 51.3203



104.5180, -19.4824, -51.3203

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.



71.5360, 10.0888, -62.7371



83.4820, 19.4824, 51.3203



71.6010, -35.2993, -18.0671

Square

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



83.4820, 19.4824, 51.3203



79.9710, -39.4257, 45.6294



65.1180, -9.4252, -57.1085



76.8090, 42.9852, -67.3615

Rectangle

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



83.4820, 19.4824, 51.3203



76.8350, -12.7367, 72.0587



65.1180, -9.4252, -57.1085



74.8420, 22.7559, -65.6364

Sweetspot

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



83.4820, 19.4824, 51.3203



161.3690, 7.2131, 19.8474



62.3260, 39.2793, 1.4681



78.5160, 4.1826, 11.8255



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



83.4820, 19.4824, 51.3203



93.1170, 30.0153, 79.7044



78.1240, -1.0471, 56.0193



66.7770, 1.5889, 3.7036



52.6770, 27.2742, 72.1973



3.0760, 1.4415, 4.3183

Inverse Universe

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



83.4820, 19.4824, 51.3203



93.1170, 30.0153, 79.7044



109.8760, 1.0471, -56.0193



66.7770, 1.5889, 3.7036



52.6770, 27.2742, 72.1973



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 83.4820, 19.4824, 51.3203 looks on a white background.

Color Contrast Check

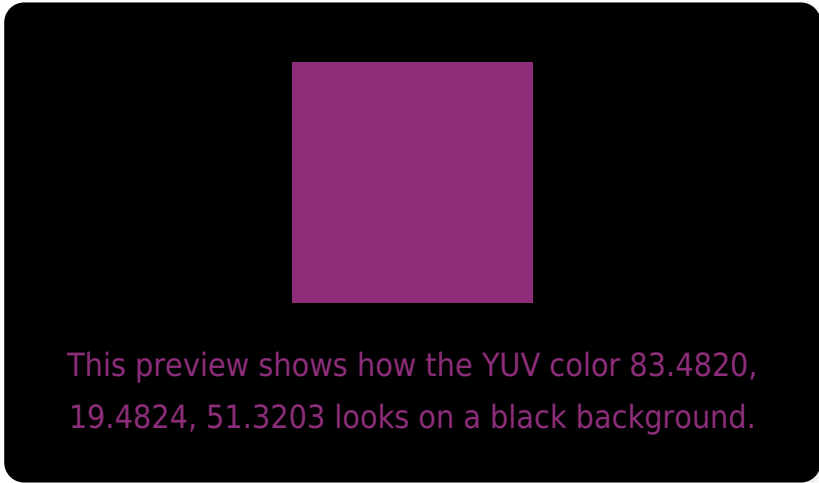
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 83.4820, 19.4824, 51.3203

Background



This preview shows how black text looks on a background with the YUV color 83.4820, 19.4824, 51.3203.



This preview shows how white text looks on a background with the YUV color 83.4820, 19.4824,

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

83.4820, 19.4824, 51.3203

Protanopia

82.5260, 35.7297, -26.7713

Deuteranopia

86.2560, 15.1568, -8.1175



Tritanopia

85.2830, -9.0135, 44.4788

Trichromacy



Original Color

83.4820, 19.4824, 51.3203

Protanomaly

82.8070, 29.6751, 1.9233

Deuteranomaly

85.4420, 16.5441, 13.6444

Tritanomaly

84.6390, 1.1640, 46.7976

Monochromacy



Original Color

83.4820, 19.4824, 51.3203

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.3580, 7.2185, 18.1030

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.4820, 19.4824, 51.3203 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(142, 46, 123)` looks like.

```
.text, #text, p{  
    color:rgb(142, 46, 123)  
}
```

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(142, 46, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 46, 123) }
```

Border

The CSS property to change the border of an element to YUV 83.4820, 19.4824, 51.3203 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(142, 46, 123) }
```


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

```
.border{ border-color:rgb(142, 46, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 46, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 46, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 46, 123);  
box-shadow:4px 4px 4px 4px rgb(142, 46,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 83.4820, 19.4824, 51.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 46, 123) }
```

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

```
.background{ background-color: rgb(142, 46,  
123) }
```

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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