

Converting Colors

YUV(94.4200, 3.2439, 32.9577)

Have a look what the booklet for
YUV(94.4200, 3.2439, 32.9577)
contains.

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Color

**YUV(94.4200, 3.2439,
32.9577)**

Conversions

Conversions Part 1

Format	Color
Hex	844A65
RGB	132, 74, 101
RGB Percent	52%, 29%, 40%
CMY	0.4824, 0.7098, 0.6039
CMYK	0.00, 0.44, 0.23, 0.48
HSL	332°, 28%, 40%
HSV	332°, 44%, 52%
XYZ	14.3135, 10.7427, 13.6311
YIQ	94.4200, 25.9010, 20.6930

Conversions

Conversions Part 2

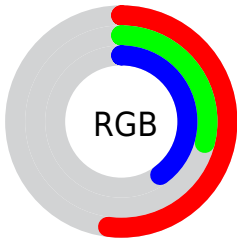
Format	Color
R_{YB}	132, 74, 101
Decimal	8669797
CIE _{Lab}	39.14, 28.33, -4.98
CIE _{LCh}	39, 28.760, 350.038
Yxy	10.7427, 0.3700, 0.2777
Android (android.graphics.Color)	4286859877 (0xFF844A65)
YUV	94.4200, 3.2439, 32.9577
Hunter-Lab	32.7760, 20.5938, -1.7146

Details

The YUV color **94.4200, 3.2439, 32.9577** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **111.5800, -3.2439, -32.9577**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.7300, 3.0911, 35.3168**, and **46.2240, 3.8336, 30.4986** is the 20% darker color. If you saturate the color by 10%, you get **85.9910, 3.9484, 40.3499**, and if you desaturate by 10%, it is **102.8490, 2.5394, 25.5654**.

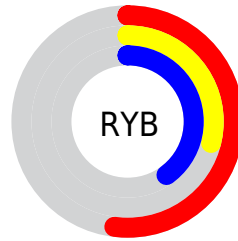
Distribution



Red (52%)

Green (29%)

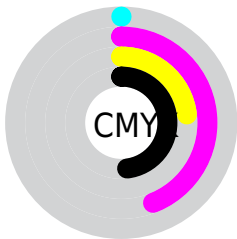
Blue (40%)



Red (52%)

Yellow (29%)

Blue (40%)

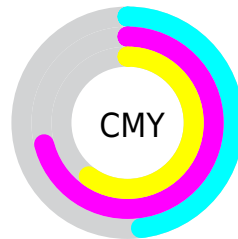


Cyan (0%)

Magenta (44%)

Yellow (23%)

Black (48%)



Cyan (48%)

Magenta (71%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.4200, 3.2439, 32.9577 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 94.4200, 3.2439, 32.9577 by changing the saturation by 10% instead.

94.4200, 3.2439,
32.9577

94.4200, 3.2439,
32.9577

255.0000, 0.0000,
0.0000

69.8220, 3.5388,
31.7281

145.7300, 3.0911,
35.3168

46.2240, 3.8336,
30.4986

172.7410, 3.0857,
37.0611

22.2670, 5.2914,
29.5838

200.3390, 2.7909,
38.2907

12.2030, -1.0861,
21.7470

223.2560, 5.2968,
27.8395

0.0000, 0.0000,
0.0000

242.0860, 6.3666,
11.3256

■ 94.4200, 3.2439,
32.9577

■ 94.4200, 3.2439,
32.9577

■ 85.9910, 3.9484,
40.3499

■ 102.8490, 2.5394,
25.5654

■ 77.5620, 4.6529,
47.7421

■ 111.2780, 1.8349,
18.1732

■ 68.5460, 5.6468,
55.6492

■ 120.2940, 0.8411,
10.2662

■ 60.1170, 6.3513,
63.0414

■ 128.7230, 0.1366,
2.8739

■ 51.6880, 7.0558,
70.4336

■ 137.1520, -0.5679,
-4.5183

■ 46.4220, 7.1870,
75.0519

■ 145.5810, -1.2724,
-11.9105

■ 154.0100, -1.9769,
-19.3028

■ 163.0260, -2.9708,

-27.2098

■ 171.4550, -3.6753,
-34.6020

Harmonies

Analogous

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



94.9540, 13.3337, 16.7033



94.4200, 3.2439, 32.9577



93.1790, -7.9762, 38.4310

Triad

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



94.4200, 3.2439, 32.9577



88.9190, -20.6661, 1.8250



74.3520, 25.9555, -65.2067

Complementary

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



94.4200, 3.2439, 32.9577



111.5800, -3.2439, -32.9577

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.



73.2460, 16.6407, -64.2367



94.4200, 3.2439, 32.9577



85.3770, -12.0179, -18.7476

Square

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



94.4200, 3.2439, 32.9577



90.9860, -22.1781, 20.1833



78.8820, 2.0302, -44.6235



83.4350, 26.9005, -41.6005

Rectangle

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



94.4200, 3.2439, 32.9577



92.1480, -14.3700, 35.8272



78.8820, 2.0302, -44.6235



74.3690, 23.4821, -65.2216

Sweetspot

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



94.4200, 3.2439, 32.9577



156.7180, 1.1250, 12.5253



89.8810, 20.7647, 13.2594



77.8700, 0.5571, 8.0070



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



94.4200, 3.2439, 32.9577



111.9970, 4.9315, 51.7456



92.5160, -9.1284, 34.6275



62.1360, 0.4260, 3.3887



45.8240, 7.4818, 73.8224



1.0110, -0.0054, 1.7444

Inverse Universe

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



94.4200, 3.2439, 32.9577



111.9970, 4.9315, 51.7456



113.4840, 9.1284, -34.6275



62.1360, 0.4260, 3.3887



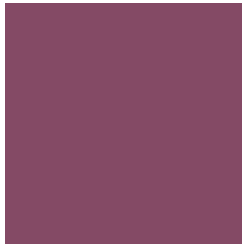
45.8240, 7.4818, 73.8224



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 94.4200, 3.2439, 32.9577 looks on a white background.

Color Contrast Check

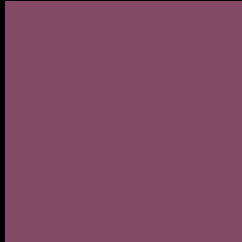
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.4200, 3.2439, 32.9577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

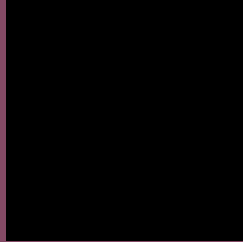
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.4200, 3.2439, 32.9577

Background



This preview shows how black text looks on a background with the YUV color 94.4200, 3.2439, 32.9577.



This preview shows how white text looks on a background with the YUV color 94.4200, 3.2439,

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

94.4200, 3.2439, 32.9577

Protanopia

93.1980, 9.7624, -4.5586

Deuteranopia

93.6030, 2.1677, 4.7332



Tritanopia

93.5310, -5.1918, 31.9833

Trichromacy



Original Color

94.4200, 3.2439, 32.9577

Protanomaly

93.4170, 7.6824, 9.2813

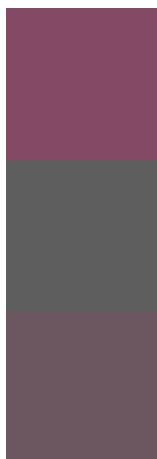
Deuteranomaly

93.7830, 2.5720, 15.0993

Tritanomaly

94.0410, -1.9922, 32.4130

Monochromacy



Original Color

94.4200, 3.2439, 32.9577

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.4190, 1.2724, 11.9105

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.4200, 3.2439, 32.9577 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(132, 74, 101)` looks like.

```
.text, #text, p{  
    color:rgb(132, 74, 101)  
}
```

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(132, 74, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 74, 101) }
```

Border

The CSS property to change the border of an element to YUV 94.4200, 3.2439, 32.9577 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(132, 74, 101) }
```


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

```
.border{ border-color:rgb(132, 74, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 74, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 74, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 74, 101);  
box-shadow:4px 4px 4px 4px rgb(132, 74,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 94.4200, 3.2439, 32.9577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 74, 101) }
```

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

```
.background{ background-color: rgb(132, 74,  
101) }
```

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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