

Converting Colors

YUV(94.1590, 16.1906, 80.5446)

Have a look what the booklet for
YUV(94.1590, 16.1906, 80.5446)
contains.

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Color

**YUV(94.1590, 16.1906,
80.5446)**

Conversions

Conversions Part 1

Format	Color
Hex	BA297F
RGB	186, 41, 127
RGB Percent	73%, 16%, 50%
CMY	0.2706, 0.8392, 0.5020
CMYK	0.00, 0.78, 0.32, 0.27
HSL	324°, 64%, 45%
HSV	324°, 78%, 73%
XYZ	24.8734, 13.5573, 21.3845
YIQ	94.1590, 58.8140, 57.4860

Conversions

Conversions Part 2

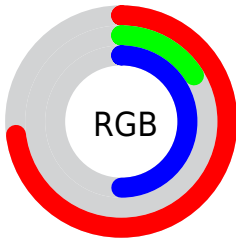
Format	Color
R_{YB}	186, 41, 127
Decimal	12200319
CIE _{Lab}	43.59, 62.96, -13.51
CIE _{LCh}	44, 64.392, 347.888
Yxy	13.5573, 0.4158, 0.2267
Android (android.graphics.Color)	4290390399 (0xFFBA297F)
YUV	94.1590, 16.1906, 80.5446
Hunter-Lab	36.8202, 56.1479, -8.6604

Details

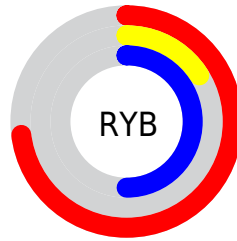
The YUV color **94.1590, 16.1906, 80.5446** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **132.8410, -16.1906, -80.5446**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.9480, 12.8436, 80.7296**, and **47.1640, 15.2021, 70.8932** is the 20% darker color. If you saturate the color by 10%, you get **82.0940, 18.1947, 91.1256**, and if you desaturate by 10%, it is **106.2240, 14.1866, 69.9636**.

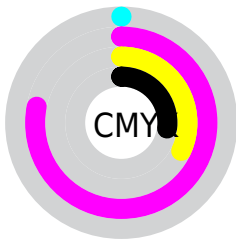
Distribution



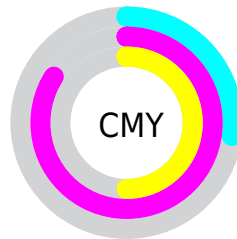
- Red (73%)
- Green (16%)
- Blue (50%)



- Red (73%)
- Yellow (16%)
- Blue (50%)



- Cyan (0%)
- Magenta (78%)
- Yellow (32%)
- Black (27%)





- Cyan (27%)
- Magenta (84%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.1590, 16.1906, 80.5446 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 94.1590, 16.1906, 80.5446 by changing the saturation by 10% instead.


 94.1590, 16.1906,
80.5446


 94.1590, 16.1906,
80.5446


255.0000, 0.0000,
0.0000


 58.5710, 21.4105,
86.3222


 153.9480, 12.8436,
80.7296


 47.1640, 15.2021,
70.8932


 176.1530, 15.2076,
69.1488


 36.1700, 9.2832,
55.9789


 196.4820, 19.4824,
51.3203

 25.4040, 4.2378,
40.8647

 215.0840, 19.6786,
35.0063

 14.6660, -3.2863,
27.4799

 232.1070, 11.2862,
20.0772

 0.0000, 0.0000,
0.0000

 249.7170, 2.6045,

4.6332

■ 94.1590, 16.1906,
80.5446

■ 94.1590, 16.1906,
80.5446

■ 82.0940, 18.1947,
91.1256

■ 106.2240, 14.1866,
69.9636

■ 70.7300, 20.3461,
101.0918

■ 117.5880, 12.0351,
59.9973

■ 68.1540, 20.6301,
103.3509

■ 129.6530, 10.0311,
49.4163

■ 141.0170, 7.8796,
39.4501

■ 153.0820, 5.8756,
28.8691

■ 165.0330, 3.4347,
18.3881

■ 176.5110, 1.7201,
8.3219

■ 188.5760, -0.2840,
-2.2592

■ 199.9400, -2.4354,
-12.2254

Harmonies

Analogous

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



104.6830, 34.6663, 34.4810



94.1590, 16.1906, 80.5446



89.6340, -7.7076, 92.4060

Triad

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



94.1590, 16.1906, 80.5446



92.9750, -45.8367, 1.7759



93.5360, 43.6128, -82.0311

Complementary

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



94.1590, 16.1906, 80.5446



132.8410, -16.1906, -80.5446

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.



89.2380, 22.0677, -78.2617



94.1590, 16.1906, 80.5446



74.9980, -27.6070, -58.7572

Square

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



94.1590, 16.1906, 80.5446



97.3480, -47.9926, 40.0368



82.3810, -1.6668, -72.2481



91.8040, 57.2846, -80.5121

Rectangle

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



94.1590, 16.1906, 80.5446



93.6330, -26.4411, 81.0059



82.3810, -1.6668, -72.2481



92.5270, 37.2082, -81.1462

Sweetspot

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



94.1590, 16.1906, 80.5446



207.2070, 6.3069, 30.5135



74.8720, 54.7861, 21.1603



100.4460, 3.7241, 18.9029



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



94.1590, 16.1906, 80.5446



98.2630, 25.5063, 126.0573



86.0650, -14.8220, 87.6430



86.2610, 0.8573, 5.0331



57.1320, 17.1899, 86.7072



10.3100, 3.2982, 15.5141

Inverse Universe

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



94.1590, 16.1906, 80.5446



98.2630, 25.5063, 126.0573



140.9350, 14.8220, -87.6430



86.2610, 0.8573, 5.0331



57.1320, 17.1899, 86.7072



10.3100, 3.2982, 15.5141

Previews

White Background



This preview shows how the YUV color 94.1590, 16.1906, 80.5446 looks on a white background.

Color Contrast Check

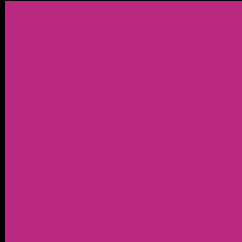
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.1590, 16.1906, 80.5446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

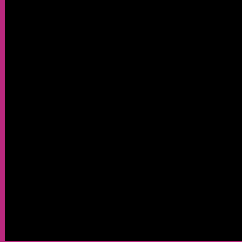
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.1590, 16.1906, 80.5446

Background



This preview shows how black text looks on a background with the YUV color 94.1590, 16.1906, 80.5446.



This preview shows how white text looks on a background with the YUV color 94.1590, 16.1906,

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

94.1590, 16.1906, 80.5446

Protanopia

102.2770, 33.3874, -22.1679

Deuteranopia

104.8460, 6.9779, 1.8891



Tritanopia

97.2220, -16.3784, 73.4733

Trichromacy



Original Color

94.1590, 16.1906, 80.5446

Protanomaly

99.4990, 26.8690, 15.3484

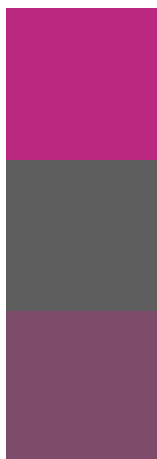
Deuteranomaly

100.9450, 10.3801, 30.7432

Tritanomaly

96.3330, -4.6012, 76.0070

Monochromacy



Original Color

94.1590, 16.1906, 80.5446

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0820, 5.8756, 28.8691

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.1590, 16.1906, 80.5446 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(186, 41, 127)` looks like.

```
.text, #text, p{  
  color:rgb(186, 41, 127)  
}
```

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(186, 41, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 41, 127) }
```

Border

The CSS property to change the border of an element to YUV 94.1590, 16.1906, 80.5446 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(186, 41, 127) }
```


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

```
.border{ border-color:rgb(186, 41, 127) }
```

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

Here you see how a box with a 4 pixel rgb(186, 41, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 41, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 41, 127);  
box-shadow:4px 4px 4px 4px rgb(186, 41,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 94.1590, 16.1906, 80.5446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 41, 127) }
```

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

```
.background{ background-color: rgb(186, 41,  
127) }
```

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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