

Converting Colors

YUV(94.7710, 8.0009, 94.0398)

Have a look what the booklet for
YUV(94.7710, 8.0009, 94.0398)
contains.

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Color

**YUV(94.7710, 8.0009,
94.0398)**

Conversions

Conversions Part 1

Format	Color
Hex	CA256F
RGB	202, 37, 111
RGB Percent	79%, 15%, 44%
CMY	0.2078, 0.8549, 0.5647
CMYK	0.00, 0.82, 0.45, 0.21
HSL	333°, 69%, 47%
HSV	333°, 82%, 79%
XYZ	27.8879, 15.0274, 16.4696
YIQ	94.7710, 74.5860, 57.9940

Conversions

Conversions Part 2

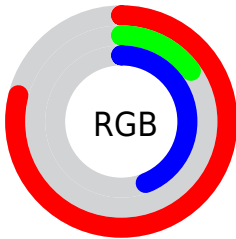
Format	Color
R_{YB}	202, 37, 111
Decimal	13247855
CIE Lab	45.67, 66.42, -0.23
CIE LCh	46, 66.422, 359.800
Yxy	15.0274, 0.4696, 0.2531
Android (android.graphics.Color)	4291437935 (0xFFCA256F)
YUV	94.7710, 8.0009, 94.0398
Hunter-Lab	38.7652, 60.5751, 1.9459

Details

The YUV color **94.7710, 8.0009, 94.0398** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **144.2290, -8.0009, -94.0398**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.0000, 3.9440, 88.5770**, and **49.7540, 7.0233, 80.8997** is the 20% darker color. If you saturate the color by 10%, you get **81.7770, 8.9839, 105.4356**, and if you desaturate by 10%, it is **107.7650, 7.0179, 82.6441**.

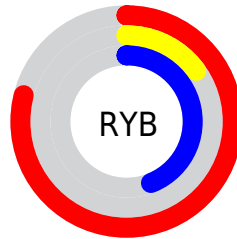
Distribution



Red (79%)

Green (15%)

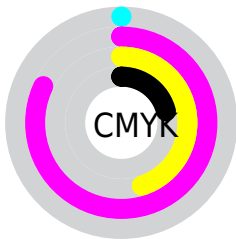
Blue (44%)



Red (79%)

Yellow (15%)

Blue (44%)

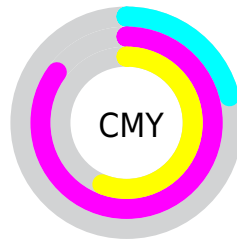


Cyan (0%)

Magenta (82%)

Yellow (45%)

Black (21%)



Cyan (21%)

Magenta (85%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.7710, 8.0009, 94.0398 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 94.7710, 8.0009, 94.0398 by changing the saturation by 10% instead.

 94.7710, 8.0009,
94.0398


 94.7710, 8.0009,
94.0398


255.0000, 0.0000,
0.0000


 61.3460, 12.6474,
97.0436


 154.0000, 3.9440,
88.5770

 49.7540, 7.0233,
80.8997


 174.1010, 7.3452,
70.9484


 38.2760, 1.8359,
64.6559


 194.3160, 11.1832,
53.2199

 27.3250, -2.6252,
48.8270

 214.6450, 15.4580,
35.3913

 16.9720, -7.3812,
34.2276

 232.6940, 10.9969,
19.5624

 3.5880, -1.7689,
7.3773

 250.3040, 2.3151,

 0.0000, 0.0000,

4.1184

0.0000

■ 94.7710, 8.0009,
94.0398

■ 94.7710, 8.0009,
94.0398

■ 81.7770, 8.9839,
105.4356

■ 107.7650, 7.0179,
82.6441

■ 70.7720, 9.9724,
115.0870

■ 120.7590, 6.0348,
71.2484

■ 134.3400, 4.7624,
59.3378

■ 147.4480, 4.2161,
47.8421

■ 160.4420, 3.2331,
36.4464

■ 173.4360, 2.2501,
25.0506

■ 186.4300, 1.2670,
13.6549

■ 200.0110, -0.0054,
1.7444

■ 213.0050, -0.9885,
-9.6514

Harmonies

Analogous

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



106.9310, 28.6280, 57.9425



94.7710, 8.0009, 94.0398



96.8220, -19.6322, 90.4871

Triad

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



94.7710, 8.0009, 94.0398



93.7510, -46.2192, -15.5676



98.3920, 52.0647, -86.2898

Complementary

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



94.7710, 8.0009, 94.0398



144.2290, -8.0009, -94.0398

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.



95.9520, 32.5617, -84.1499



94.7710, 8.0009, 94.0398



80.4940, -16.5125, -70.5932

Square

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



94.7710, 8.0009, 94.0398



101.3910, -49.9858, 25.9671



89.5680, 8.1010, -78.5511



92.5850, 62.8156, -81.1970

Rectangle

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



94.7710, 8.0009, 94.0398



100.0330, -39.9493, 73.6391



89.5680, 8.1010, -78.5511



98.3120, 46.6812, -86.2196

Sweetspot

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



94.7710, 8.0009, 94.0398



213.4420, 3.2331, 36.4464



83.0190, 58.6576, 39.4483



102.5990, 1.6767, 22.2767



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



94.7710, 8.0009, 94.0398



92.5180, 12.0696, 142.4967



91.0310, -26.6373, 97.3198



95.4460, 0.2731, 5.7479



58.0700, 7.8535, 94.6546



13.3000, 1.8241, 21.6619

Inverse Universe

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



94.7710, 8.0009, 94.0398



92.5180, 12.0696, 142.4967



147.9690, 26.6373, -97.3198



95.4460, 0.2731, 5.7479



58.0700, 7.8535, 94.6546



13.3000, 1.8241, 21.6619

Previews

White Background



This preview shows how the YUV color 94.7710, 8.0009, 94.0398 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 94.7710, 8.0009, 94.0398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

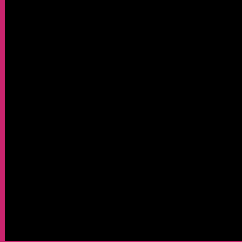
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.7710, 8.0009, 94.0398

Background



This preview shows how black text looks on a background with the YUV color 94.7710, 8.0009, 94.0398.



This preview shows how white text looks on a background with the YUV color 94.7710, 8.0009,

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

94.7710, 8.0009, 94.0398

Protanopia

109.4280, 20.9880, -11.7764

Deuteranopia

109.8550, -3.3795, 10.6512



Tritanopia

97.5830, -20.5004, 88.9427

Trichromacy



Original Color

94.7710, 8.0009, 94.0398

Protanomaly

104.1170, 16.2113, 27.0844

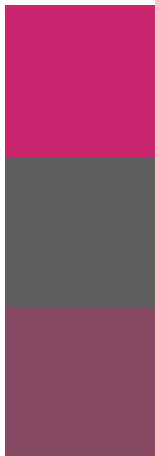
Deuteranomaly

104.1930, 0.8909, 41.0497

Tritanomaly

96.6400, -10.1755, 90.6467

Monochromacy



Original Color

94.7710, 8.0009, 94.0398

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.0180, 2.9491, 34.1872

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.7710, 8.0009, 94.0398 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(202, 37, 111)` looks like.

```
.text, #text, p{  
    color:rgb(202, 37, 111)  
}
```

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(202, 37, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 37, 111) }
```

Border

The CSS property to change the border of an element to YUV 94.7710, 8.0009, 94.0398 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(202, 37, 111) }
```


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

```
.border{ border-color:rgb(202, 37, 111) }
```

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

Here you see how a box with a 4 pixel rgb(202, 37, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 37, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 37, 111);  
box-shadow:4px 4px 4px 4px rgb(202, 37,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 94.7710, 8.0009, 94.0398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 37, 111) }
```

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

```
.background{ background-color: rgb(202, 37,  
111) }
```

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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