

Converting Colors

YUV(94.5190, 19.9571, 39.0098)

Have a look what the booklet for
YUV(94.5190, 19.9571, 39.0098)
contains.

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Color

**YUV(94.5190, 19.9571,
39.0098)**

Conversions

Conversions Part 1

Format	Color
Hex	8B4087
RGB	139, 64, 135
RGB Percent	55%, 25%, 53%
CMY	0.4549, 0.7490, 0.4706
CMYK	0.00, 0.54, 0.03, 0.45
HSL	303°, 37%, 40%
HSV	303°, 54%, 55%
XYZ	16.8540, 10.9050, 24.1382
YIQ	94.5190, 21.9090, 37.9810

Conversions

Conversions Part 2

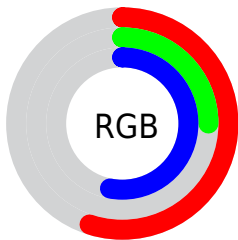
Format	Color
R_{YB}	139, 64, 135
Decimal	9126023
CIE _{Lab}	39.42, 42.02, -25.49
CIE _{LCh}	39, 49.152, 328.759
Yxy	10.9050, 0.3248, 0.2101
Android (android.graphics.Color)	4287316103 (0xFF8B4087)
YUV	94.5190, 19.9571, 39.0098
Hunter-Lab	33.0228, 33.3123, -20.2226

Details

The YUV color **94.5190, 19.9571, 39.0098** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **108.4810, -19.9571, -39.0098**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0570, 20.6779, 41.1690**, and **40.6870, 21.8463, 39.7395** is the 20% darker color. If you saturate the color by 10%, you get **86.1870, 23.5718, 46.3170**, and if you desaturate by 10%, it is **102.8510, 16.3425, 31.7027**.

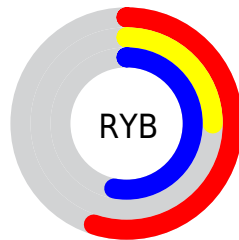
Distribution



Red (55%)

Green (25%)

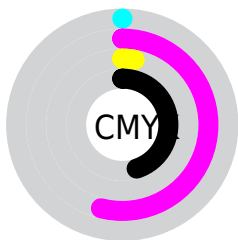
Blue (53%)



Red (55%)

Yellow (25%)

Blue (53%)

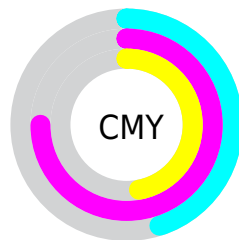


Cyan (0%)

Magenta (54%)

Yellow (3%)

Black (45%)



Cyan (45%)

Magenta (75%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.5190, 19.9571, 39.0098 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 94.5190, 19.9571, 39.0098 by changing the saturation by 10% instead.

■ 94.5190, 19.9571,
39.0098

■ 94.5190, 19.9571,
39.0098

255.0000, 0.0000,
0.0000

■ 68.8070, 19.8151,
37.8803

■ 147.0570, 20.6779,
41.1690

■ 40.6870, 21.8463,
39.7395

■ 174.6550, 20.3831,
42.3986

■ 25.1930, 17.6529,
31.4027

■ 202.4810, 20.9619,
43.4282

■ 16.8190, 11.4282,
21.2067

■ 220.9540, 16.7847,
29.8583

■ 2.4110, 6.6994,
-2.1144

■ 237.3900, 8.6817,
15.4440

■ 0.0000, 0.0000,
0.0000

254.4130, 0.2894,

0.5148

■ 94.5190, 19.9571,
39.0098

■ 94.5190, 19.9571,
39.0098

■ 86.1870, 23.5718,
46.3170

■ 102.8510, 16.3425,
31.7027

■ 77.9690, 27.6233,
53.5242

■ 111.0690, 12.2910,
24.4955

■ 69.6370, 31.2380,
60.8314

■ 119.4010, 8.6763,
17.1883

■ 61.3050, 34.8526,
68.1385

■ 127.7330, 5.0616,
9.8812

■ 56.6090, 37.1678,
72.2569

■ 135.4780, 1.7363,
3.0888

■ 143.6960, -2.3151,
-4.1184

■ 152.0280, -5.9298,
-11.4256

■ 160.3600, -9.5445,
-18.7327

■ 168.6920,
-13.1592, -26.0399

Harmonies

Analogous

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



93.7290, 34.6436, -5.0243



94.5190, 19.9571, 39.0098



89.3190, 3.2937, 63.7412

Triad

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



94.5190, 19.9571, 39.0098



86.6170, -42.7022, 23.1379



79.9770, 24.6613, -70.1398

Complementary

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



94.5190, 19.9571, 39.0098



108.4810, -19.9571, -39.0098

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.



75.4170, 7.1894, -66.1407



94.5190, 19.9571, 39.0098



83.0260, -36.4948, -7.9158

Square

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



94.5190, 19.9571, 39.0098



88.8880, -33.4688, 48.3332



68.9820, -9.8511, -60.4972



81.1630, 39.3596, -71.1800

Rectangle

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



94.5190, 19.9571, 39.0098



88.1270, -8.9366, 66.5406



68.9820, -9.8511, -60.4972



78.4950, 18.9830, -68.8401

Sweetspot

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



94.5190, 19.9571, 39.0098



163.8630, 7.9555, 15.0291



73.7460, 32.1702, -5.0392



81.3200, 4.7722, 9.3664



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.



94.5190, 19.9571, 39.0098



111.0500, 31.5274, 61.3462



90.3010, 3.7956, 42.7090



64.7770, 1.5889, 3.7036



54.1310, 35.4314, 69.1681



2.0650, 1.4470, 2.5740

Inverse Universe

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



94.5190, 19.9571, 39.0098



111.0500, 31.5274, 61.3462



112.6990, -3.7956, -42.7090



64.7770, 1.5889, 3.7036



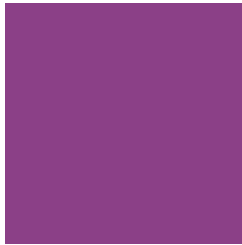
54.1310, 35.4314, 69.1681



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 94.5190, 19.9571, 39.0098 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 94.5190, 19.9571, 39.0098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

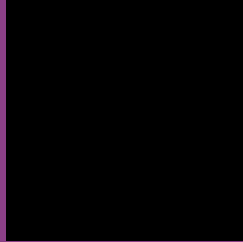
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.5190, 19.9571, 39.0098

Background



This preview shows how black text looks on a background with the YUV color 94.5190, 19.9571, 39.0098.



This preview shows how white text looks on a background with the YUV color 94.5190, 19.9571,

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

94.5190, 19.9571, 39.0098

Protanopia

90.8640, 33.0980, -22.6827

Deuteranopia

93.0430, 18.2198, -10.5617



Tritanopia

94.4280, -5.6340, 33.8276

Trichromacy



Original Color

94.5190, 19.9571, 39.0098

Protanomaly

92.1550, 28.5176, -0.1359

Deuteranomaly

93.6800, 18.8918, 7.2966

Tritanomaly

94.2570, 3.8173, 35.7316

Monochromacy



Original Color

94.5190, 19.9571, 39.0098

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.0370, 7.3768, 13.9996

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.5190, 19.9571, 39.0098 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(139, 64, 135)` looks like.

```
.text, #text, p{  
    color:rgb(139, 64, 135)  
}
```

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(139, 64, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 64, 135) }
```

Border

The CSS property to change the border of an element to YUV 94.5190, 19.9571, 39.0098 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(139, 64, 135) }
```


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

```
.border{ border-color:rgb(139, 64, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 64, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 64, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 64, 135); box-shadow:4px 4px 4px 4px rgb(139, 64, 135) }
```

Background

The CSS property to change the background color of an element to YUV 94.5190, 19.9571, 39.0098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 64, 135) }
```

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

```
.background{ background-color: rgb(139, 64,  
135) }
```

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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