

Converting Colors

YUV(99.9000, 5.4723, 64.9857)

Have a look what the booklet for
YUV(99.9000, 5.4723, 64.9857)
contains.

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Color

**YUV(99.9000, 5.4723,
64.9857)**

Conversions

Conversions Part 1

Format	Color
Hex	AE3C6F
RGB	174, 60, 111
RGB Percent	68%, 24%, 44%
CMY	0.3176, 0.7647, 0.5647
CMYK	0.00, 0.66, 0.36, 0.32
HSL	333°, 49%, 46%
HSV	333°, 66%, 68%
XYZ	21.9407, 13.3781, 16.4648
YIQ	99.9000, 51.5730, 40.0290

Conversions

Conversions Part 2

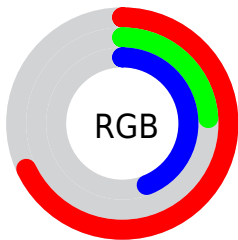
Format	Color
R _Y B	174, 60, 111
Decimal	11418735
CIE Lab	43.33, 51.00, -4.26
CIE LCh	43, 51.175, 355.221
Yxy	13.3781, 0.4237, 0.2583
Android (android.graphics.Color)	4289608815 (0xFFAE3C6F)
YUV	99.9000, 5.4723, 64.9857
Hunter-Lab	36.5761, 43.0676, -1.0862

Details

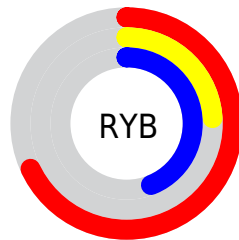
The YUV color **99.9000, 5.4723, 64.9857** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **134.1000, -5.4723, -64.9857**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.1670, 3.8617, 68.2595**, and **42.1650, 10.2717, 65.6303** is the 20% darker color. If you saturate the color by 10%, you get **88.7810, 6.0240, 74.7371**, and if you desaturate by 10%, it is **111.0190, 4.9206, 55.2343**.

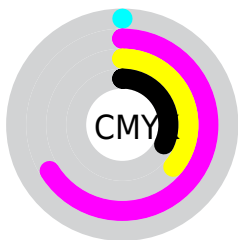
Distribution



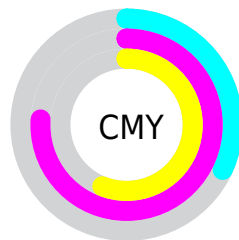
- Red (68%)
- Green (24%)
- Blue (44%)



- Red (68%)
- Yellow (24%)
- Blue (44%)



- Cyan (0%)
- Magenta (66%)
- Yellow (36%)
- Black (32%)



- Cyan (32%)
- Magenta (76%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.9000, 5.4723, 64.9857 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 99.9000, 5.4723, 64.9857 by changing the saturation by 10% instead.

99.9000, 5.4723,
64.9857

99.9000, 5.4723,
64.9857

255.0000, 0.0000,
0.0000

70.8830, 7.9457,
65.0006

155.1670, 3.8617,
68.2595

42.1650, 10.2717,
65.6303

180.6720, 4.5987,
65.1857

31.6980, 5.0789,
51.1309

200.1860, 8.2893,
48.0719

21.5300, -0.2613,
37.2462

219.9280, 12.8535,
30.7581

10.8780, -4.8699,
22.0320

237.9770, 8.3923,
14.9292

0.0000, 0.0000,
0.0000

99.9000, 5.4723,
64.9857

99.9000, 5.4723,
64.9857

88.7810, 6.0240,
74.7371

111.0190, 4.9206,
55.2343

77.1890, 7.3018,
84.9032

122.6110, 3.6428,
45.0682

66.0700, 7.8535,
94.6546

133.7300, 3.0911,
35.3168

60.9180, 8.4214,
99.1729

145.3220, 1.8133,
25.1506

156.4410, 1.2616,
15.3992

167.5600, 0.7099,
5.6479

179.1520, -0.5679,
-4.5183

190.2710, -1.1196,

-14.2697

■ 201.9770, -1.9607,
-24.5358

Harmonies

Analogous

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



104.6050, 22.8727, 37.1804



99.9000, 5.4723, 64.9857



98.3570, -14.4730, 68.9699

Triad

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



99.9000, 5.4723, 64.9857



92.7230, -40.2894, -4.1421



88.8740, 40.9811, -77.9425

Complementary

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



99.9000, 5.4723, 64.9857



134.1000, -5.4723, -64.9857

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.



87.2320, 24.5356, -76.5025



99.9000, 5.4723, 64.9857



81.6580, -15.1144, -52.3201

Square

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



99.9000, 5.4723, 64.9857



96.0970, -47.3758, 28.8559



82.3300, 5.7533, -72.2034



85.3010, 50.1376, -74.8090

Rectangle

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



99.9000, 5.4723, 64.9857



98.8600, -27.5390, 59.7588



82.3300, 5.7533, -72.2034



88.9080, 36.0344, -77.9723

Sweetspot

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



99.9000, 5.4723, 64.9857



197.7350, 2.1026, 25.6654



91.8330, 40.5083, 27.3335



96.8540, 1.5510, 15.9140



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



99.9000, 5.4723, 64.9857



110.6410, 8.5580, 102.0468



97.6080, -18.5407, 66.9958



81.1470, 0.4205, 5.1331



52.4880, 7.1544, 85.5180



8.0170, 0.9776, 13.1401

Inverse Universe

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



99.9000, 5.4723, 64.9857



110.6410, 8.5580, 102.0468



136.3920, 18.5407, -66.9958



81.1470, 0.4205, 5.1331



52.4880, 7.1544, 85.5180



8.0170, 0.9776, 13.1401

Previews

White Background



This preview shows how the YUV color 99.9000, 5.4723, 64.9857 looks on a white background.

Color Contrast Check

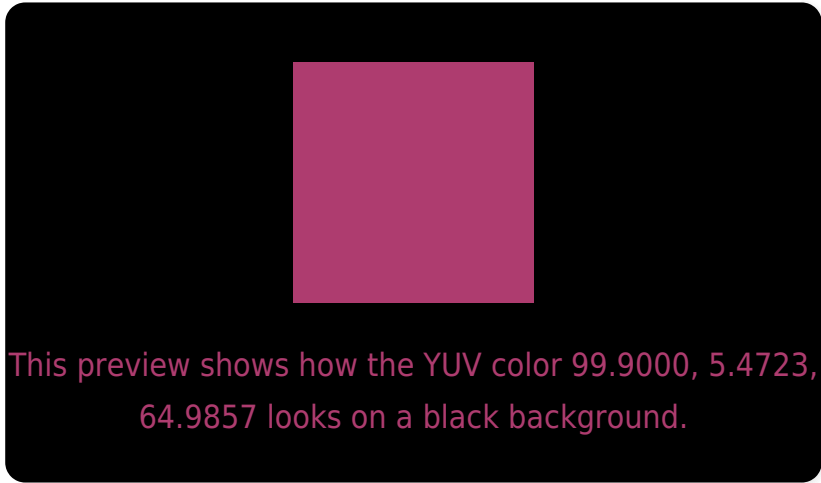
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

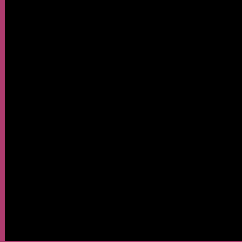
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.9000, 5.4723, 64.9857

Background



This preview shows how black text looks on a background with the YUV color 99.9000, 5.4723, 64.9857.



This preview shows how white text looks on a background with the YUV color 99.9000, 5.4723,

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

99.9000, 5.4723, 64.9857

Protanopia

103.4130, 17.0514, -9.1322

Deuteranopia

104.1580, 0.4151, 6.8774



Tritanopia

99.9540, -13.2883, 62.3073

Trichromacy



Original Color

99.9000, 5.4723, 64.9857

Protanomaly

102.1390, 12.7495, 17.4181

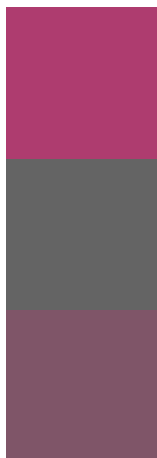
Deuteranomaly

102.4580, 2.2392, 28.5393

Tritanomaly

100.0880, -6.4524, 63.0668

Monochromacy



Original Color

99.9000, 5.4723, 64.9857

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.7240, 2.1081, 23.9211

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.9000, 5.4723, 64.9857 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(174, 60, 111)` looks like.

```
.text, #text, p{  
    color:rgb(174, 60, 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(174, 60, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 60, 111) }
```

Border

The CSS property to change the border of an element to YUV 99.9000, 5.4723, 64.9857 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(174, 60, 111) }
```


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

```
.border{ border-color:rgb(174, 60, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 60, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 60, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 60, 111); box-shadow:4px 4px 4px 4px rgb(174, 60, 111) }
```

Background

The CSS property to change the background color of an element to YUV 99.9000, 5.4723, 64.9857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 60, 111) }
```

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

```
.background{ background-color: rgb(174, 60,  
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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