

Converting Colors

YUV(100.7870, 0.1050, 59.8228)

Have a look what the booklet for
YUV(100.7870, 0.1050, 59.8228)
contains.

YUV(100.7870, 0.1050, 59.8228)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(100.7870, 0.1050,
59.8228)**

Conversions

Conversions Part 1

Format	Color
Hex	A94265
RGB	169, 66, 101
RGB Percent	66%, 26%, 40%
CMY	0.3373, 0.7412, 0.6039
CMYK	0.00, 0.61, 0.40, 0.34
HSL	340°, 44%, 46%
HSV	340°, 61%, 66%
XYZ	20.6594, 13.2710, 13.7846
YIQ	100.7870, 50.1530, 32.7210

Conversions

Conversions Part 2

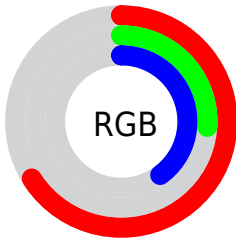
Format	Color
R_{YB}	169, 66, 101
Decimal	11092581
CIE _{Lab}	43.17, 45.59, 1.59
CIE _{LCh}	43, 45.618, 1.998
Yxy	13.2710, 0.4330, 0.2781
Android (android.graphics.Color)	4289282661 (0xFFA94265)
YUV	100.7870, 0.1050, 59.8228
Hunter-Lab	36.4294, 37.4770, 3.0657

Details

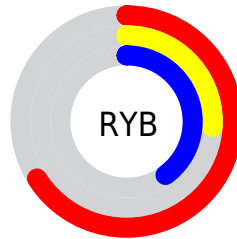
The YUV color **100.7870, 0.1050, 59.8228** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **134.2130, -0.1050, -59.8228**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.0540, -1.5056, 63.0966**, and **42.4050, 6.2093, 61.9118** is the 20% darker color. If you saturate the color by 10%, you get **89.5540, 0.2199, 69.6741**, and if you desaturate by 10%, it is **112.0200, -0.0099, 49.9715**.

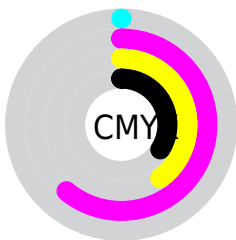
Distribution



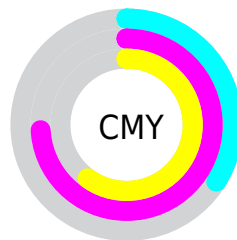
- Red (66%)
- Green (26%)
- Blue (40%)



- Red (66%)
- Yellow (26%)
- Blue (40%)



- Cyan (0%)
- Magenta (61%)
- Yellow (40%)
- Black (34%)



- Cyan (34%)
- Magenta (74%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.7870, 0.1050, 59.8228 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 100.7870, 0.1050, 59.8228 by changing the saturation by 10% instead.

■ 100.7870, 0.1050,
59.8228

■ 100.7870, 0.1050,
59.8228

■ 255.0000, 0.0000,
0.0000

■ 73.8300, 1.5628,
58.9081

■ 155.0540, -1.5056,
63.0966

■ 42.4050, 6.2093,
61.9118

■ 182.2390, -2.0898,
63.8114

■ 29.1770, 1.8847,
48.9568

■ 201.2800, 2.3270,
47.1124

■ 19.0800, -4.4764,
35.8868

■ 220.9080, 6.4544,
29.8987

■ 9.0840, -3.9854,
18.3433

■ 240.3250, 7.2348,
12.8700

■ 0.0000, 0.0000,
0.0000

■ 100.7870, 0.1050,
59.8228

■ 100.7870, 0.1050,
59.8228

■ 89.5540, 0.2199,
69.6741

■ 112.0200, -0.0099,
49.9715

■ 78.3210, 0.3347,
79.5255

■ 123.2530, -0.1247,
40.1201

■ 67.0880, 0.4496,
89.3768

■ 134.4860, -0.2396,
30.2688

■ 57.0290, -0.0143,
98.1986

■ 145.8330, 0.0823,
20.3175

■ 156.4790, 0.2569,
10.9809

■ 167.7120, 0.1420,
1.1296

■ 178.9450, 0.0271,
-8.7218

■ 190.1780, -0.0878,

-18.5731

■ 201.4110, -0.2026,
-28.4244

Harmonies

Analogous

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



104.6070, 16.4627, 39.8097



100.7870, 0.1050, 59.8228



99.4930, -17.4980, 59.2036

Triad

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



100.7870, 0.1050, 59.8228



93.0240, -30.0848, -10.5450



86.6570, 40.1021, -75.9982

Complementary

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



100.7870, 0.1050, 59.8228



134.2130, -0.1050, -59.8228

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.



85.9270, 27.1510, -75.3580



100.7870, 0.1050, 59.8228



80.2750, -7.5306, -58.1232

Square

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



100.7870, 0.1050, 59.8228



96.8060, -39.3444, 19.4641



82.1820, 10.2633, -72.0736



81.9270, 47.3640, -71.8500

Rectangle

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



100.7870, 0.1050, 59.8228



99.9790, -28.0906, 50.0074



82.1820, 10.2633, -72.0736



87.0330, 36.4657, -76.3279

Sweetspot

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



100.7870, 0.1050, 59.8228



193.1430, -0.0705, 22.6766



97.7750, 35.1139, 30.8923



94.0880, -0.0434, 13.9548



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



100.7870, 0.1050, 59.8228



113.1100, 0.4388, 92.8655



105.6020, -19.5238, 55.6000



78.7340, 0.1311, 4.6183



49.9520, 0.0237, 85.9881



6.7780, 0.1094, 11.5957

Inverse Universe

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



100.7870, 0.1050, 59.8228



113.1100, 0.4388, 92.8655



129.3980, 19.5238, -55.6000



78.7340, 0.1311, 4.6183



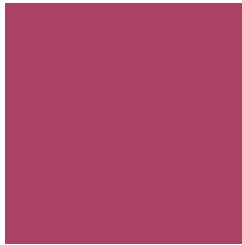
49.9520, 0.0237, 85.9881



6.7780, 0.1094, 11.5957

Previews

White Background



This preview shows how the YUV color 100.7870, 0.1050, 59.8228 looks on a white background.

Color Contrast Check

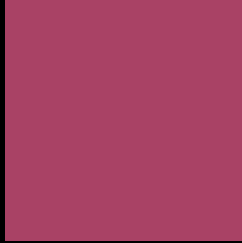
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.7870, 0.1050, 59.8228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

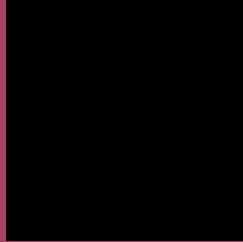
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.7870, 0.1050, 59.8228

Background



This preview shows how black text looks on a background with the YUV color 100.7870, 0.1050, 59.8228.

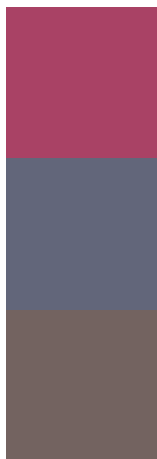


This preview shows how white text looks on a background with the YUV color 100.7870, 0.1050,

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

100.7870, 0.1050, 59.8228

Protanopia

103.0840, 9.3256, -4.4587

Deuteranopia

103.4420, -3.6689, 10.1364



Tritanopia

100.2740, -11.9671, 58.5187

Trichromacy



Original Color

100.7870, 0.1050, 59.8228

Protanomaly

102.3150, 5.7607, 19.0177

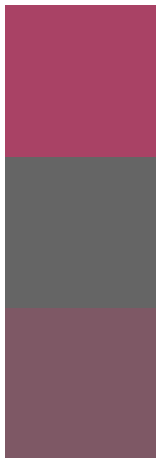
Deuteranomaly

102.6060, -2.2708, 28.4095

Tritanomaly

100.4250, -7.6045, 59.2633

Monochromacy



Original Color

100.7870, 0.1050, 59.8228

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.8440, 0.0769, 22.0618

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.7870, 0.1050, 59.8228 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(169, 66, 101)` looks like.

```
.text, #text, p{  
    color:rgb(169, 66, 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(169, 66, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 66, 101) }
```

Border

The CSS property to change the border of an element to YUV 100.7870, 0.1050, 59.8228 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(169, 66, 101) }
```


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

```
.border{ border-color:rgb(169, 66, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 66, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 66, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 66, 101);  
box-shadow:4px 4px 4px 4px rgb(169, 66,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 100.7870, 0.1050, 59.8228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 66, 101) }
```

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

```
.background{ background-color: rgb(169, 66,  
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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