

Converting Colors

YUV(100.9370, 19.2581,
29.8733)

Have a look what the booklet for
YUV(100.9370, 19.2581, 29.8733)
contains.

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Color

**YUV(100.9370, 19.2581,
29.8733)**

Conversions

Conversions Part 1

Format	Color
Hex	874C8C
RGB	135, 76, 140
RGB Percent	53%, 30%, 55%
CMY	0.4706, 0.7020, 0.4510
CMYK	0.04, 0.46, 0.00, 0.45
HSL	295°, 30%, 42%
HSV	295°, 46%, 55%
XYZ	17.3097, 12.2132, 26.2560
YIQ	100.9370, 14.6200, 32.4120

Conversions

Conversions Part 2

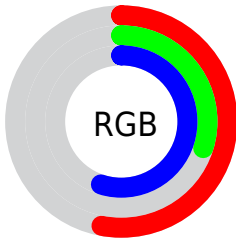
Format	Color
R_{YB}	135, 76, 140
Decimal	8866956
CIE _{Lab}	41.55, 35.34, -25.26
CIE _{LCh}	42, 43.437, 324.448
Yxy	12.2132, 0.3103, 0.2190
Android (android.graphics.Color)	4287057036 (0xFF874C8C)
YUV	100.9370, 19.2581, 29.8733
Hunter-Lab	34.9474, 27.2545, -20.0814

Details

The YUV color **100.9370, 19.2581, 29.8733** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **115.0630, -19.2581, -29.8733**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.4750, 19.9788, 32.0324**, and **50.9260, 19.2635, 28.1289** is the 20% darker color. If you saturate the color by 10%, you get **92.4200, 23.4569, 36.4657**, and if you desaturate by 10%, it is **109.4540, 15.0592, 23.2808**.

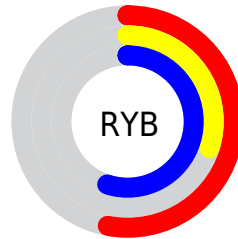
Distribution



Red (53%)

Green (30%)

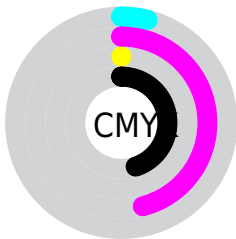
Blue (55%)



Red (53%)

Yellow (30%)

Blue (55%)

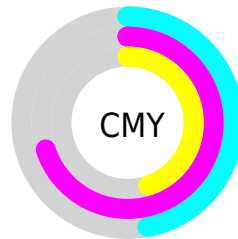


Cyan (4%)

Magenta (46%)

Yellow (0%)

Black (45%)



Cyan (47%)

Magenta (70%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.9370, 19.2581, 29.8733 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 100.9370, 19.2581, 29.8733 by changing the saturation by 10% instead.

100.9370, 19.2581,
29.8733

100.9370, 19.2581,
29.8733

255.0000, 0.0000,
0.0000

76.1110, 18.6793,
28.8437

153.4750, 19.9788,
32.0324

50.9260, 19.2635,
28.1289

180.3010, 20.5576,
33.0620

25.7520, 19.8423,
29.1585

208.0130, 20.6996,
34.1916

16.3780, 13.6176,
18.9625

227.4110, 13.6014,
24.1956

3.0950, 9.3202,
-2.7143

244.4340, 5.2090,
9.2664

0.0000, 0.0000,
0.0000

100.9370, 19.2581,
29.8733

100.9370, 19.2581,
29.8733

92.4200, 23.4569,
36.4657

109.4540, 15.0592,
23.2808

83.9030, 27.6558,
43.0581

117.9710, 10.8603,
16.6884

75.3860, 31.8547,
49.6505

126.4880, 6.6614,
10.0960

66.8690, 36.0536,
56.2429

135.0050, 2.4625,
3.5036

58.3520, 40.2525,
62.8353

143.5220, -1.7363,
-3.0888


54.5310, 42.1362,
65.3093

152.3380, -6.0826,
-9.0664

160.8550,
-10.2815, -15.6588

169.3720,

-14.4804, -22.2512

 177.8890,
-18.6793, -28.8437

Harmonies

Analogous

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



98.0120, 32.0391, -9.6575



100.9370, 19.2581, 29.8733



97.7800, 4.0525, 53.6899

Triad

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



100.9370, 19.2581, 29.8733



93.9360, -36.4504, 24.6121



81.9830, 22.1934, -71.8991

Complementary

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



100.9370, 19.2581, 29.8733



115.0630, -19.2581, -29.8733

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.



77.7650, 6.0319, -68.1999



100.9370, 19.2581, 29.8733



91.0250, -31.5643, -2.6529

Square

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



100.9370, 19.2581, 29.8733



95.7720, -27.4956, 45.8040



83.5720, -14.5790, -37.3356



83.5280, 35.7287, -73.2541

Rectangle

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



100.9370, 19.2581, 29.8733



96.2400, -7.0203, 58.5485



83.5720, -14.5790, -37.3356



80.6150, 16.9518, -70.6994

Sweetspot

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



100.9370, 19.2581, 29.8733



165.7270, 7.5296, 11.6404



86.2310, 26.5081, -8.9726



82.3090, 4.7777, 7.6220



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.



100.9370, 19.2581, 29.8733



119.9080, 30.1184, 46.5617



99.3540, 6.7275, 35.6465



64.5920, 2.1731, 2.9888



51.6400, 40.1105, 61.7057



2.0650, 1.4470, 2.5740

Inverse Universe

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



95.7060, -7.2501, 38.8458



111.8120, -11.2463, 60.6779



116.6460, -6.7275, -35.6465



64.2070, -0.5951, 4.2035



40.9070, -15.2372, 80.7656



1.4950, -0.7370, 3.0739

Previews

White Background



This preview shows how the YUV color 100.9370, 19.2581, 29.8733 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 100.9370, 19.2581, 29.8733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

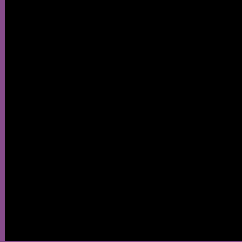
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.9370, 19.2581, 29.8733

Background



This preview shows how black text looks on a background with the YUV color 100.9370, 19.2581, 29.8733.



This preview shows how white text looks on a background with the YUV color 100.9370, 19.2581, 29.8733.

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

100.9370, 19.2581, 29.8733

Protanopia

97.2620, 29.4508, -19.5238

Deuteranopia

98.1570, 18.6566, -10.6617



Tritanopia

100.2420, -3.5703, 25.2208

Trichromacy



Original Color

100.9370, 19.2581, 29.8733

Protanomaly

98.4600, 25.9022, -1.2804

Deuteranomaly

98.9570, 18.7552, 4.4227

Tritanomaly

100.4300, 4.7180, 26.8099

Monochromacy



Original Color

100.9370, 19.2581, 29.8733

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.9010, 6.9508, 10.6108

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.9370, 19.2581, 29.8733 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(135, 76, 140)` looks like.

```
.text, #text, p{  
    color:rgb(135, 76, 140)  
}
```

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(135, 76, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 76, 140) }
```

Border

The CSS property to change the border of an element to YUV 100.9370, 19.2581, 29.8733 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(135, 76, 140) }
```


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

```
.border{ border-color:rgb(135, 76, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 76, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 76, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 76, 140);  
box-shadow:4px 4px 4px 4px rgb(135, 76,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 100.9370, 19.2581, 29.8733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 76, 140) }
```

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

```
.background{ background-color: rgb(135, 76,  
140) }
```

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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