

Converting Colors

YUV(101.8690, 19.2916,
65.8899)

Have a look what the booklet for
YUV(101.8690, 19.2916, 65.8899)
contains.

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Color

**YUV(101.8690, 19.2916,
65.8899)**

Conversions

Conversions Part 1

Format	Color
Hex	B1388D
RGB	177, 56, 141
RGB Percent	69%, 22%, 55%
CMY	0.3059, 0.7804, 0.4471
CMYK	0.00, 0.68, 0.20, 0.31
HSL	318°, 52%, 46%
HSV	318°, 68%, 69%
XYZ	24.3534, 14.0985, 26.6370
YIQ	101.8690, 44.8310, 52.0870

Conversions

Conversions Part 2

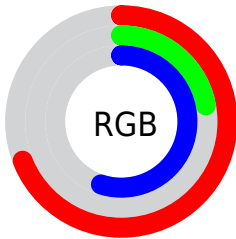
Format	Color
RYB	177, 56, 141
Decimal	11614349
CIELab	44.37, 57.34, -20.99
CIELCh	44, 61.062, 339.893
Yxy	14.0985, 0.3742, 0.2166
Android (android.graphics.Color)	4289804429 (0xFFB1388D)
YUV	101.8690, 19.2916, 65.8899
Hunter-Lab	37.5480, 50.0646, -15.7774

Details

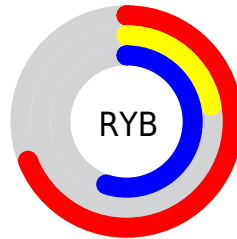
The YUV color **101.8690, 19.2916, 65.8899** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **131.1310, -19.2916, -65.8899**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.5380, 17.9758, 67.9342**, and **46.5530, 21.9124, 65.2900** is the 20% darker color. If you saturate the color by 10%, you get **90.7330, 22.3166, 75.6562**, and if you desaturate by 10%, it is **113.0050, 16.2665, 56.1236**.

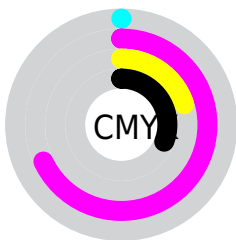
Distribution



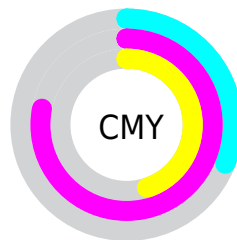
- Red (69%)
- Green (22%)
- Blue (55%)



- Red (69%)
- Yellow (22%)
- Blue (55%)



- Cyan (0%)
- Magenta (68%)
- Yellow (20%)
- Black (31%)



- Cyan (31%)
- Magenta (78%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.8690, 19.2916, 65.8899 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 101.8690, 19.2916, 65.8899 by changing the saturation by 10% instead.

101.8690, 19.2916,
65.8899

101.8690, 19.2916,
65.8899

255.0000, 0.0000,
0.0000

71.1620, 21.6121,
68.2639

158.5380, 17.9758,
67.9342

46.5530, 21.9124,
65.2900

183.8470, 19.3024,
62.4012

35.4450, 15.5566,
50.4757

203.4750, 23.4298,
45.1874

25.1630, 9.7796,
36.6910

220.3670, 17.0741,
30.3731

14.8810, 4.0027,
22.9064

237.3900, 8.6817,
15.4440

0.0000, 0.0000,
0.0000

101.8690, 19.2916,
65.8899

101.8690, 19.2916,
65.8899

90.7330, 22.3166,
75.6562

113.0050, 16.2665,
56.1236

80.0700, 24.6155,
85.0076

123.6680, 13.9677,
46.7722

68.9340, 27.6405,
94.7739

134.8040, 10.9426,
37.0059

67.0590, 28.0719,
96.4183

145.9400, 7.9176,
27.2396

157.0760, 4.8925,
17.4733

167.7390, 2.5937,
8.1219

178.8750, -0.4314,
-1.6444

190.0110, -3.4564,

-11.4106

■ 200.5600, -6.1921,
-20.6621

Harmonies

Analogous

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



107.6700, 37.6307, 16.9524



101.8690, 19.2916, 65.8899



95.2680, -2.5971, 86.5880

Triad

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



101.8690, 19.2916, 65.8899



96.8840, -47.7638, 13.2567



93.2280, 37.3556, -81.7610

Complementary

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



101.8690, 19.2916, 65.8899



131.1310, -19.2916, -65.8899

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.



88.3430, 16.0999, -77.4768



101.8690, 19.2916, 65.8899



87.0250, -38.4663, -28.9629

Square

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



101.8690, 19.2916, 65.8899



98.8760, -48.7459, 48.3437



81.1270, -6.4716, -71.1484



93.3540, 53.0695, -81.8715

Rectangle

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



101.8690, 19.2916, 65.8899



96.8810, -19.1683, 81.6654



81.1270, -6.4716, -71.1484



92.1050, 30.5142, -80.7761

Sweetspot

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



101.8690, 19.2916, 65.8899



199.5270, 7.6282, 26.7248



79.9600, 47.8407, 8.8051



96.9510, 4.4612, 15.8290



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.



101.8690, 19.2916, 65.8899



112.6730, 30.2342, 102.8958



95.1430, -6.4795, 71.7886



83.4890, 1.7309, 4.8331



57.9450, 24.1841, 83.3632



9.8260, 4.0298, 14.1846

Inverse Universe

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



101.8690, 19.2916, 65.8899



112.6730, 30.2342, 102.8958



137.8570, 6.4795, -71.7886



83.4890, 1.7309, 4.8331



57.9450, 24.1841, 83.3632



9.8260, 4.0298, 14.1846

Previews

White Background



This preview shows how the YUV color 101.8690, 19.2916, 65.8899 looks on a white background.

Color Contrast Check

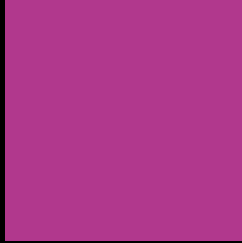
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.8690, 19.2916, 65.8899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

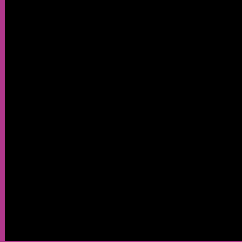
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.8690, 19.2916, 65.8899

Background



This preview shows how black text looks on a background with the YUV color 101.8690, 19.2916, 65.8899.



This preview shows how white text looks on a background with the YUV color 101.8690, 19.2916,

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

101.8690, 19.2916, 65.8899

Protanopia

102.8790, 37.0347, -25.3269

Deuteranopia

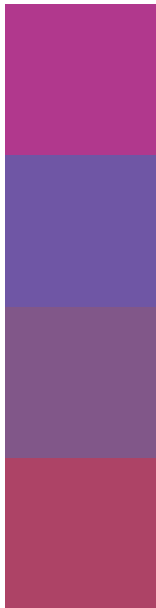
106.5230, 13.5462, -4.8437



Tritanopia

103.5730, -12.1145, 59.1335

Trichromacy



Original Color

101.8690, 19.2916, 65.8899

Protanomaly

102.4810, 30.8219, 7.4712

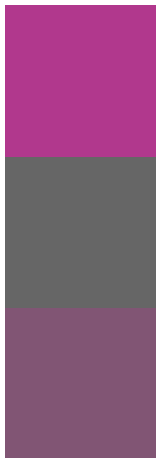
Deuteranomaly

105.2580, 15.6488, 20.8217

Tritanomaly

102.6840, -0.3372, 61.6671

Monochromacy



Original Color

101.8690, 19.2916, 65.8899

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.6900, 7.0548, 23.9509

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.8690, 19.2916, 65.8899 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(177, 56, 141)` looks like.

```
.text, #text, p{  
    color:rgb(177, 56, 141)  
}
```

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(177, 56, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 56, 141) }
```

Border

The CSS property to change the border of an element to YUV 101.8690, 19.2916, 65.8899 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(177, 56, 141) }
```


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

```
.border{ border-color:rgb(177, 56, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 56, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 56, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 56, 141);  
box-shadow:4px 4px 4px 4px rgb(177, 56,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 101.8690, 19.2916, 65.8899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 56, 141) }
```

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

```
.background{ background-color: rgb(177, 56,  
141) }
```

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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