

Converting Colors

YUV(102.8700, 21.2631,
86.9370)

Have a look what the booklet for
YUV(102.8700, 21.2631, 86.9370)
contains.

YUV(102.8700, 21.2631, 86.9370)	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(102.8700, 21.2631,
86.9370)**

Conversions

Conversions Part 1

Format	Color
Hex	CA2C92
RGB	202, 44, 146
RGB Percent	79%, 17%, 57%
CMY	0.2078, 0.8275, 0.4275
CMYK	0.00, 0.78, 0.28, 0.21
HSL	321°, 64%, 48%
HSV	321°, 78%, 79%
XYZ	30.4461, 16.4332, 28.7614
YIQ	102.8700, 61.4260, 65.2180

Conversions

Conversions Part 2

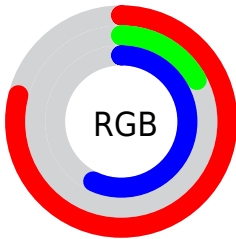
Format	Color
R _{YB}	202, 44, 146
Decimal	13249682
CIE _{Lab}	47.54, 68.24, -18.78
CIE _{LCh}	48, 70.778, 344.615
Yxy	16.4332, 0.4025, 0.2173
Android (android.graphics.Color)	4291439762 (0xFFCA2C92)
YUV	102.8700, 21.2631, 86.9370
Hunter-Lab	40.5379, 63.1214, -13.6893

Details

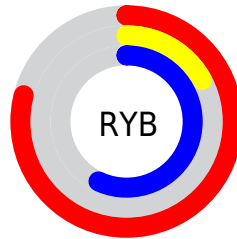
The YUV color **102.8700, 21.2631, 86.9370** is a dark color, and the websafe version is hex **CC3399**, and the color name is **royal fuchsia**. The color can be described as dark muted rose. A complement of this color would be **143.1300, -21.2631, -86.9370**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.8540, 18.8060, 81.6890**, and **53.5870, 20.4166, 78.4152** is the 20% darker color. If you saturate the color by 10%, you get **90.3320, 23.9933, 97.9328**, and if you desaturate by 10%, it is **115.4080, 18.5329, 75.9412**.

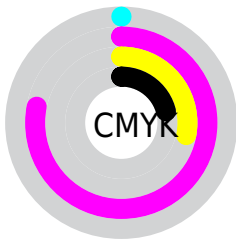
Distribution



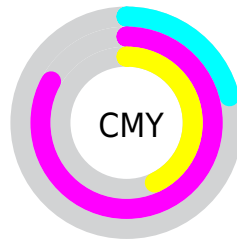
- Red (79%)
- Green (17%)
- Blue (57%)



- Red (79%)
- Yellow (17%)
- Blue (57%)



- Cyan (0%)
- Magenta (78%)
- Yellow (28%)
- Black (21%)



- Cyan (21%)
- Magenta (83%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YUV color 102.8700, 21.2631, 86.9370 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 102.8700, 21.2631, 86.9370 by changing the saturation by 10% instead.


 102.8700, 21.2631,
86.9370


 102.8700, 21.2631,
86.9370


255.0000, 0.0000,
0.0000


 65.1080, 27.0618,
93.7443

 161.8540, 18.8060,
81.6890


 53.5870, 20.4166,
78.4152


 182.0690, 22.6440,
63.9605


 42.1800, 14.2083,
62.9861


 201.5830, 26.3346,
46.8467

 31.3000, 8.7261,
47.9719

 219.1930, 17.6529,
31.4027

 21.1320, 3.3859,
34.0872

 236.2160, 9.2605,
16.4736

 8.4860, -3.6906,
17.1138

253.8260, 0.5788,

 0.0000, 0.0000,

1.0296

0.0000

■ 102.8700, 21.2631,
86.9370

■ 102.8700, 21.2631,
86.9370

■ 90.3320, 23.9933,
97.9328

■ 115.4080, 18.5329,
75.9412

■ 77.7940, 26.7236,
108.9287

■ 127.9460, 15.8026,
64.9454

■ 75.2180, 27.0075,
111.1878

■ 141.0710, 12.7830,
53.4347

■ 153.7230, 10.4896,
42.3389

■ 166.2610, 7.7593,
31.3431

■ 178.7990, 5.0291,
20.3473

■ 191.3370, 2.2989,
9.3515

■ 204.4620, -0.7208,
-2.1592

■ 217.0000, -3.4510,
-13.1550

Harmonies

Analogous

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



115.0830, 41.3711, 30.6222



102.8700, 21.2631, 86.9370



95.0470, -3.9672, 106.0758

Triad

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



102.8700, 21.2631, 86.9370



102.7430, -50.6523, 6.3644



102.7630, 45.9658, -90.1232

Complementary

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



102.8700, 21.2631, 86.9370



143.1300, -21.2631, -86.9370

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.



97.0800, 21.6526, -85.1392



102.8700, 21.2631, 86.9370



85.3120, -40.5798, -51.1396

Square

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



102.8700, 21.2631, 86.9370



106.5510, -52.5296, 48.6288



89.4250, -5.1395, -78.4257



101.8290, 62.6953, -89.3040

Rectangle

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



102.8700, 21.2631, 86.9370



101.1230, -26.1896, 93.7311



89.4250, -5.1395, -78.4257



101.5260, 38.6877, -89.0383

Sweetspot

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



102.8700, 21.2631, 86.9370



217.9730, 7.9013, 32.4727



78.4570, 60.9067, 18.0162



105.3860, 4.7397, 19.8325



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



102.8700, 21.2631, 86.9370



104.4300, 32.3260, 132.0499



93.9780, -12.8072, 94.7353



95.6740, 1.1467, 5.5479



61.8320, 22.2678, 91.3553



14.2120, 5.3185, 20.8621

Inverse Universe

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



102.8700, 21.2631, 86.9370



104.4300, 32.3260, 132.0499



152.0220, 12.8072, -94.7353



95.6740, 1.1467, 5.5479



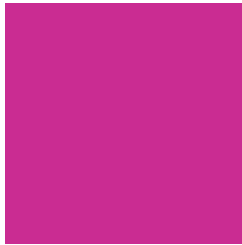
61.8320, 22.2678, 91.3553



14.2120, 5.3185, 20.8621

Previews

White Background



This preview shows how the YUV color 102.8700, 21.2631, 86.9370 looks on a white background.

Color Contrast Check

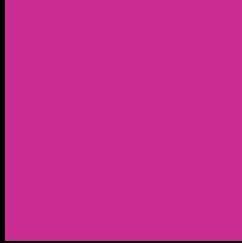
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.8700, 21.2631, 86.9370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

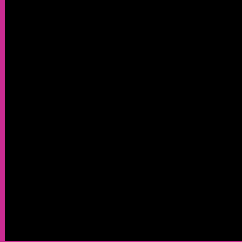
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.8700, 21.2631, 86.9370

Background



This preview shows how black text looks on a background with the YUV color 102.8700, 21.2631, 86.9370.



This preview shows how white text looks on a background with the YUV color 102.8700, 21.2631, 86.9370.

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

102.8700, 21.2631, 86.9370

Protanopia

110.5240, 42.1397, -29.4005

Deuteranopia

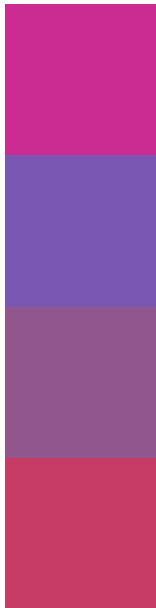
114.5620, 11.0619, -1.3699



Tritanopia

107.4290, -16.9735, 77.6768

Trichromacy



Original Color

102.8700, 21.2631, 86.9370

Protanomaly

107.8390, 34.5894, 12.4192

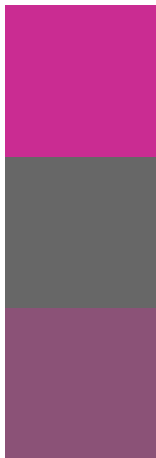
Deuteranomaly

110.3840, 14.6007, 30.3582

Tritanomaly

105.8220, -2.8702, 80.8401

Monochromacy



Original Color

102.8700, 21.2631, 86.9370

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.2610, 7.7593, 31.3431

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.8700, 21.2631, 86.9370 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(202, 44, 146)` looks like.

```
.text, #text, p{  
    color:rgb(202, 44, 146)  
}
```

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(202, 44, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 44, 146) }
```

Border

The CSS property to change the border of an element to YUV 102.8700, 21.2631, 86.9370 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(202, 44, 146) }
```


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

```
.border{ border-color:rgb(202, 44, 146) }
```

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

Here you see how a box with a 4 pixel rgb(202, 44, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 44, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 44, 146);  
box-shadow:4px 4px 4px 4px rgb(202, 44,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 102.8700, 21.2631, 86.9370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 44, 146) }
```

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

```
.background{ background-color: rgb(202, 44,  
146) }
```

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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