

Converting Colors

YUV(102.8590, 58.2435,
79.0537)

Have a look what the booklet for
YUV(102.8590, 58.2435, 79.0537)
contains.

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Color

**YUV(102.8590, 58.2435,
79.0537)**

Conversions

Conversions Part 1

Format	Color
Hex	C122DD
RGB	193, 34, 221
RGB Percent	76%, 13%, 87%
CMY	0.2431, 0.8667, 0.1333
CMYK	0.13, 0.85, 0.00, 0.13
HSL	291°, 73%, 50%
HSV	291°, 85%, 87%
XYZ	35.6155, 17.7020, 69.9463
YIQ	102.8590, 34.7370, 91.8650

Conversions

Conversions Part 2

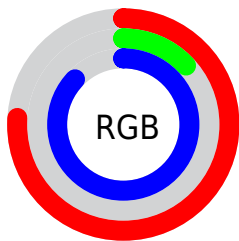
Format	Color
RYB	193, 34, 221
Decimal	12657373
CIELab	49.13, 79.73, -60.27
CIELCh	49, 99.946, 322.911
Yxy	17.7020, 0.2889, 0.1436
Android (android.graphics.Color)	4290847453 (0xFFC122DD)
YUV	102.8590, 58.2435, 79.0537
Hunter-Lab	42.0737, 77.4717, -69.1163

Details

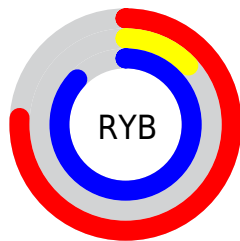
The YUV color **102.8590, 58.2435, 79.0537** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **152.1410, -58.2435, -79.0537**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1780, 44.2822, 77.0199**, and **58.8760, 52.3191, 65.8837** is the 20% darker color. If you saturate the color by 10%, you get **89.0480, 65.0523, 88.5349**, and if you desaturate by 10%, it is **116.6700, 51.4347, 69.5724**.

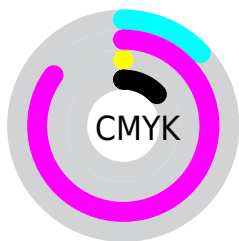
Distribution



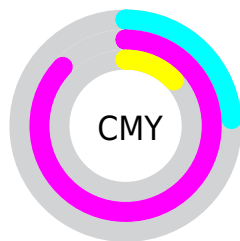
- Red (76%)
- Green (13%)
- Blue (87%)



- Red (76%)
- Yellow (13%)
- Blue (87%)



- Cyan (13%)
- Magenta (85%)
- Yellow (0%)
- Black (13%)




- Cyan (24%)
- Magenta (87%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 102.8590, 58.2435, 79.0537 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 102.8590, 58.2435, 79.0537 by changing the saturation by 10% instead.


 102.8590, 58.2435,
79.0537


 102.8590, 58.2435,
79.0537


255.0000, 0.0000,
0.0000


 70.7390, 60.2747,
80.9129


 165.1780, 44.2822,
77.0199


 58.8760, 52.3191,
65.8837


 183.3860, 35.3057,
62.8055

 47.1270, 44.8004,
50.7546


 200.4090, 26.9134,
47.8763

 35.4920, 37.7184,
35.5255

 218.0190, 18.2316,
32.4323

 24.7540, 30.1943,
22.1407

 235.0420, 9.8393,
17.5032

 10.6560, 25.3126,
1.1787

 252.6520, 1.1576,

 6.2070, 16.1669,

2.0592

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 102.8590, 58.2435,
79.0537

■ 102.8590, 58.2435,
79.0537

■ 89.0480, 65.0523,
88.5349

■ 116.6700, 51.4347,
69.5724

■ 81.4060, 68.8198,
93.4829

■ 130.7800, 44.4785,
60.7059

■ 144.5910, 37.6696,
51.2247

■ 158.4020, 30.8608,
41.7434

■ 173.0990, 23.6152,
32.3622

■ 186.9100, 16.8064,
22.8809

■ 200.7210, 9.9975,
13.3997

■ 214.5320, 3.1887,
3.9184

■ 228.6420, -3.7675,
-4.9480

Harmonies

Analogous

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



90.1180, 81.2868, -79.0335



102.8590, 58.2435, 79.0537



90.5250, 24.8842, 138.9826

Triad

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



102.8590, 58.2435, 79.0537



110.3500, -54.4025, 42.6661



108.0970, 35.9412, -94.8011

Complementary

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



102.8590, 58.2435, 79.0537



152.1410, -58.2435, -79.0537

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.



96.8910, -1.9183, -84.9734



102.8590, 58.2435, 79.0537



100.2190, -49.4080, -19.4861

Square

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



102.8590, 58.2435, 79.0537



98.0540, -48.3406, 105.1926



83.9410, -41.3829, -73.6163



115.2450, 68.4062, -101.0699

Rectangle

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



102.8590, 58.2435, 79.0537



85.9350, -0.4610, 148.2700



83.9410, -41.3829, -73.6163



104.9050, 23.7108, -92.0017

Sweetspot

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



102.8590, 58.2435, 79.0537



214.4420, 19.9951, 26.7994



71.7540, 73.5783, -33.1103



103.3130, 12.1707, 16.3885



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.



102.8590, 58.2435, 79.0537



93.9530, 79.3962, 107.9122



103.8210, 25.7242, 102.7660



102.9450, 3.4781, 4.4332



63.6750, 53.8972, 73.0760



16.9050, 14.3438, 19.3773

Inverse Universe

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



93.1050, -15.3348, 112.1639



80.5770, -20.9905, 152.9690



151.1790, -25.7242, -102.7660



102.4030, -1.1847, 6.6626



54.6910, -14.1447, 103.7570



14.5520, -3.7231, 27.5799

Previews

White Background



This preview shows how the YUV color 102.8590, 58.2435, 79.0537 looks on a white background.

Color Contrast Check

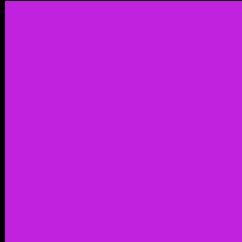
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.8590, 58.2435, 79.0537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

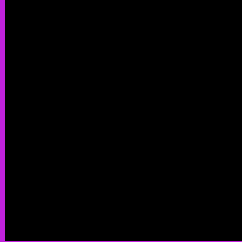
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 102.8590, 58.2435, 79.0537

Background



This preview shows how black text looks on a background with the YUV color 102.8590, 58.2435, 79.0537.



This preview shows how white text looks on a background with the YUV color 102.8590, 58.2435,

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

102.8590, 58.2435, 79.0537

Protanopia

93.5770, 71.6935, -82.0670

Deuteranopia

103.2470, 52.1362, -62.4836



Tritanopia

117.3980, -10.0562, 52.2710

Trichromacy



Original Color

102.8590, 58.2435, 79.0537



Protanomaly

96.6860, 66.7098, -23.4036



Deuteranomaly

103.1470, 54.1575, -10.6529



Tritanomaly

111.9950, 14.7925, 62.2714

Monochromacy



Original Color

102.8590, 58.2435, 79.0537



Achromatopsia

103.0000, 0.0000, 0.0000



Achromatomaly

103.0940, 21.1527, 28.8586

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.8590, 58.2435, 79.0537 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(193, 34, 221)` looks like.

```
.text, #text, p{  
    color:rgb(193, 34, 221)  
}
```

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(193, 34, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 34, 221) }
```

Border

The CSS property to change the border of an element to YUV 102.8590, 58.2435, 79.0537 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(193, 34, 221) }
```


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

```
.border{ border-color:rgb(193, 34, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 34, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 34, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 34, 221);  
box-shadow:4px 4px 4px 4px rgb(193, 34,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 102.8590, 58.2435, 79.0537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 34, 221) }
```

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

```
.background{ background-color: rgb(193, 34,  
221) }
```

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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