

Converting Colors

YUV(79.6700, 21.3617,
102.0214)

Have a look what the booklet for
YUV(79.6700, 21.3617, 102.0214)
contains.

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Color

**YUV(79.6700, 21.3617,
102.0214)**

Conversions

Conversions Part 1

Format	Color
Hex	C40C7B
RGB	196, 12, 123
RGB Percent	77%, 5%, 48%
CMY	0.2314, 0.9529, 0.5176
CMYK	0.00, 0.94, 0.37, 0.23
HSL	324°, 88%, 41%
HSV	324°, 94%, 77%
XYZ	26.4716, 13.4288, 19.9357
YIQ	79.6700, 74.0330, 73.5290

Conversions

Conversions Part 2

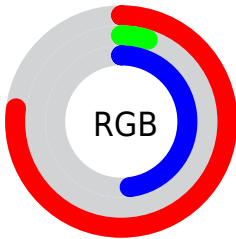
Format	Color
R_{YB}	196, 12, 123
Decimal	12848251
CIE _{Lab}	43.40, 70.48, -11.15
CIE _{LCh}	43, 71.358, 351.011
Yxy	13.4288, 0.4424, 0.2244
Android (android.graphics.Color)	4291038331 (0xFFC40C7B)
YUV	79.6700, 21.3617, 102.0214
Hunter-Lab	36.6453, 64.8144, -6.6031

Details

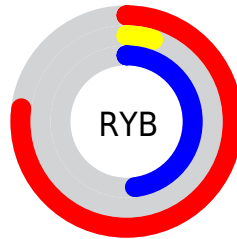
The YUV color **79.6700, 21.3617, 102.0214** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **128.3300, -21.3617, -102.0214**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.0250, 12.8057, 92.9401**, and **49.3990, 12.1283, 76.8261** is the 20% darker color. If you saturate the color by 10%, you get **72.0560, 22.6504, 108.6989**, and if you desaturate by 10%, it is **92.3220, 19.0683, 90.9256**.

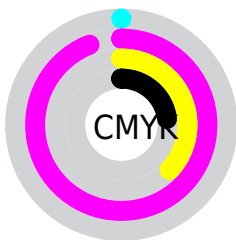
Distribution



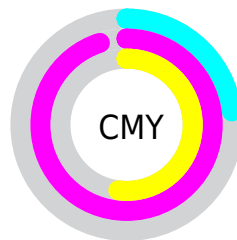
- Red (77%)
- Green (5%)
- Blue (48%)



- Red (77%)
- Yellow (5%)
- Blue (48%)



- Cyan (0%)
- Magenta (94%)
- Yellow (37%)
- Black (23%)



- Cyan (23%)
- Magenta (95%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.6700, 21.3617, 102.0214 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 79.6700, 21.3617, 102.0214 by changing the saturation by 10% instead.

■ 79.6700, 21.3617,
102.0214

■ 79.6700, 21.3617,
102.0214

■ 255.0000, 0.0000,
0.0000

■ 60.8060, 18.3366,
92.2551

■ 149.0250, 12.8057,
92.9401

■ 49.3990, 12.1283,
76.8261

■ 169.8270, 16.3543,
74.6967

■ 37.9210, 6.9409,
60.5823

■ 190.0420, 20.1923,
56.9682

■ 27.1550, 1.8956,
45.4681

■ 209.8010, 22.2831,
39.6395

■ 15.4770, -6.6442,
31.1537

■ 227.4110, 13.6014,
24.1956

■ 0.0000, 0.0000,
0.0000

■ 244.4340, 5.2090,

■ 79.6700, 21.3617,
102.0214

■ 79.6700, 21.3617,
102.0214

■ 72.0560, 22.6504,
108.6989

■ 92.3220, 19.0683,
90.9256

■ 104.3870, 17.0642,
80.3446

■ 116.9250, 14.3340,
69.3488

■ 128.9900, 12.3299,
58.7678

■ 141.6420, 10.0365,
47.6720

■ 154.2940, 7.7431,
36.5762

■ 166.2450, 5.3022,
26.0951

■ 178.8970, 3.0088,
14.9993

■ 190.9620, 1.0047,
4.4183

Harmonies

Analogous

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



102.1450, 37.3965, 45.4768



79.6700, 21.3617, 102.0214



79.5480, -7.1722, 107.3904

Triad

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



79.6700, 21.3617, 102.0214



91.4580, -45.0888, -4.7867



95.6050, 49.0017, -83.8456

Complementary

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



79.6700, 21.3617, 102.0214



128.3300, -21.3617, -102.0214

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.



90.9650, 26.1463, -79.7763



79.6700, 21.3617, 102.0214



72.8680, -30.5009, -63.9052

Square

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



79.6700, 21.3617, 102.0214



97.0380, -47.8397, 37.6777



83.3100, -0.6458, -73.0629



92.6990, 63.2524, -81.2970

Rectangle

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



79.6700, 21.3617, 102.0214



89.5970, -31.8463, 88.0534



83.3100, -0.6458, -73.0629



94.4820, 42.1604, -82.8607

Sweetspot

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



79.6700, 21.3617, 102.0214



210.1310, 8.3164, 39.3501



54.2050, 69.9049, 25.2532



100.1200, 4.8708, 24.4508



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.



79.6700, 21.3617, 102.0214



93.8010, 29.6781, 141.3715



69.4100, -17.9501, 111.0194



90.6740, 1.1467, 5.5479



59.1970, 18.6369, 89.2812



12.1470, 3.8715, 18.2881

Inverse Universe

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



79.6700, 21.3617, 102.0214



93.8010, 29.6781, 141.3715



138.5900, 17.9501, -111.0194



90.6740, 1.1467, 5.5479



59.1970, 18.6369, 89.2812



12.1470, 3.8715, 18.2881

Previews

White Background



This preview shows how the YUV color 79.6700, 21.3617, 102.0214 looks on a white background.

Color Contrast Check

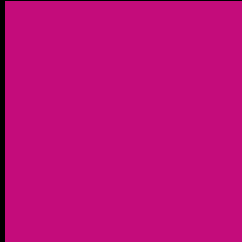
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.6700, 21.3617, 102.0214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

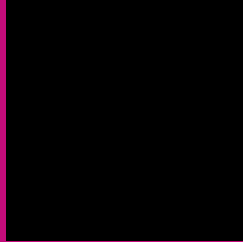
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.6700, 21.3617, 102.0214

Background



This preview shows how black text looks on a background with the YUV color 79.6700, 21.3617, 102.0214.



This preview shows how white text looks on a background with the YUV color 79.6700, 21.3617,

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

79.6700, 21.3617, 102.0214

Protanopia

101.6510, 36.1611, -25.1269

Deuteranopia

105.1730, 4.3517, 4.2333



Tritanopia

91.9850, -20.2056, 87.7132

Trichromacy



Original Color

79.6700, 21.3617, 102.0214

Protanomaly

93.5690, 30.7785, 21.4260

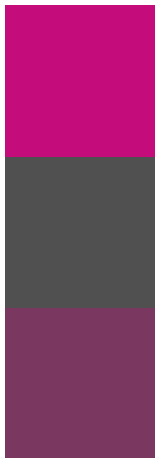
Deuteranomaly

96.0000, 10.3530, 39.4650

Tritanomaly

87.6170, -5.2342, 92.4209

Monochromacy



Original Color

79.6700, 21.3617, 102.0214

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.7070, 8.0324, 37.0910

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.6700, 21.3617, 102.0214 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(196, 12, 123)` looks like.

```
.text, #text, p{  
    color:rgb(196, 12, 123)  
}
```

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(196, 12, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 12, 123) }
```

Border

The CSS property to change the border of an element to YUV 79.6700, 21.3617, 102.0214 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(196, 12, 123) }
```


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

```
.border{ border-color:rgb(196, 12, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 12, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 12, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 12, 123);  
box-shadow:4px 4px 4px 4px rgb(196, 12,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 79.6700, 21.3617, 102.0214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 12, 123) }
```

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

```
.background{ background-color: rgb(196, 12,  
123) }
```

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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