

Converting Colors

YUV(102.8980, 18.7843,
88.6665)

Have a look what the booklet for
YUV(102.8980, 18.7843, 88.6665)
contains.

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Color

**YUV(102.8980, 18.7843,
88.6665)**

Conversions

Conversions Part 1

Format	Color
Hex	CC2C8D
RGB	204, 44, 141
RGB Percent	80%, 17%, 55%
CMY	0.2000, 0.8275, 0.4471
CMYK	0.00, 0.78, 0.31, 0.20
HSL	324°, 65%, 49%
HSV	324°, 78%, 80%
XYZ	30.6102, 16.5618, 26.7827
YIQ	102.8980, 64.2230, 64.0870

Conversions

Conversions Part 2

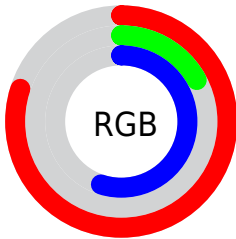
Format	Color
RYB	204, 44, 141
Decimal	13380749
CIELab	47.70, 68.14, -15.48
CIElCh	48, 69.879, 347.202
Yxy	16.5618, 0.4139, 0.2239
Android (android.graphics.Color)	4291570829 (0xFFCC2C8D)
YUV	102.8980, 18.7843, 88.6665
Hunter-Lab	40.6962, 63.0429, -10.5322

Details

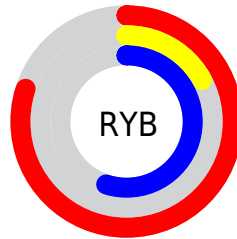
The YUV color **102.8980, 18.7843, 88.6665** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **145.1020, -18.7843, -88.6665**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.2840, 16.6220, 82.1889**, and **53.7290, 18.3746, 80.0447** is the 20% darker color. If you saturate the color by 10%, you get **90.2460, 21.0777, 99.7623**, and if you desaturate by 10%, it is **115.5500, 16.4909, 77.5707**.

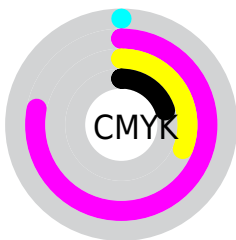
Distribution



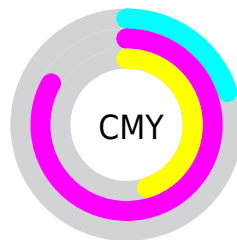
- Red (80%)
- Green (17%)
- Blue (55%)



- Red (80%)
- Yellow (17%)
- Blue (55%)



- Cyan (0%)
- Magenta (78%)
- Yellow (31%)
- Black (20%)



- Cyan (20%)
- Magenta (83%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.8980, 18.7843, 88.6665 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 102.8980, 18.7843, 88.6665 by changing the saturation by 10% instead.

102.8980, 18.7843,
88.6665

102.8980, 18.7843,
88.6665

255.0000, 0.0000,
0.0000

65.1360, 24.5830,
95.4737

161.2840, 16.6220,
82.1889

53.7290, 18.3746,
80.0447

181.4990, 20.4600,
64.4604

42.3220, 12.1663,
64.6156

201.7140, 24.2980,
46.7318

31.4420, 6.6841,
49.6014

219.1930, 17.6529,
31.4027

20.9750, 1.4913,
35.1019

236.2160, 9.2605,
16.4736

8.7850, -3.8380,
17.7286

253.8260, 0.5788,

0.0000, 0.0000,

1.0296

0.0000

■ 102.8980, 18.7843,
88.6665

■ 102.8980, 18.7843,
88.6665

■ 90.2460, 21.0777,
99.7623

■ 115.5500, 16.4909,
77.5707

■ 77.0070, 23.6605,
111.3729

■ 128.7890, 13.9080,
65.9600

■ 75.1320, 24.0919,
113.0172

■ 141.4410, 11.6146,
54.8642

■ 154.6800, 9.0318,
43.2536

■ 167.3320, 6.7383,
32.1578

■ 179.9840, 4.4449,
21.0620

■ 193.2230, 1.8621,
9.4514

■ 205.8750, -0.4314,
-1.6444

■ 219.1140, -3.0142,
-13.2550

Harmonies

Analogous

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



115.1330, 38.8814, 35.8404



102.8980, 18.7843, 88.6665



97.1130, -7.4507, 103.3869

Triad

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



102.8980, 18.7843, 88.6665



102.7210, -50.6415, 2.8757



102.5180, 47.5656, -89.9083

Complementary

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



102.8980, 18.7843, 88.6665



145.1020, -18.7843, -88.6665

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.



98.3510, 23.9840, -86.2538



102.8980, 18.7843, 88.6665



82.7110, -32.3955, -62.8905

Square

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



102.8980, 18.7843, 88.6665



106.5290, -52.5188, 45.1401



90.1090, -2.5187, -79.0256



101.2420, 62.9847, -88.7892

Rectangle

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



102.8980, 18.7843, 88.6665



102.2320, -28.2154, 90.1275



90.1090, -2.5187, -79.0256



101.9820, 40.4349, -89.4382

Sweetspot

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



102.8980, 18.7843, 88.6665



216.4570, 7.1697, 33.8022



80.4790, 60.8959, 21.5049



104.5710, 4.1555, 20.5472



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.



102.8980, 18.7843, 88.6665



103.4040, 28.3948, 132.9497



94.0060, -15.2860, 96.4647



95.6740, 1.1467, 5.5479



61.0340, 19.2102, 92.0552



13.9840, 4.4449, 21.0620

Inverse Universe

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



102.8980, 18.7843, 88.6665



103.4040, 28.3948, 132.9497



153.9940, 15.2860, -96.4647



95.6740, 1.1467, 5.5479



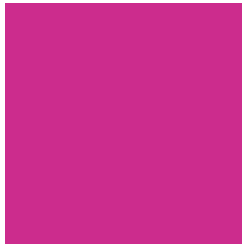
61.0340, 19.2102, 92.0552



13.9840, 4.4449, 21.0620

Previews

White Background



This preview shows how the YUV color 102.8980, 18.7843, 88.6665 looks on a white background.

Color Contrast Check

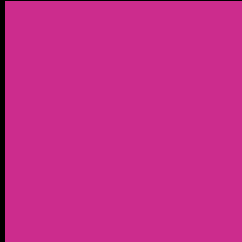
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.8980, 18.7843, 88.6665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

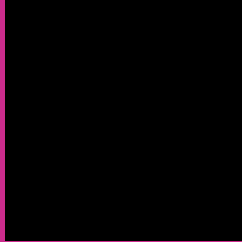
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.8980, 18.7843, 88.6665

Background



This preview shows how black text looks on a background with the YUV color 102.8980, 18.7843, 88.6665.



This preview shows how white text looks on a background with the YUV color 102.8980, 18.7843,

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

102.8980, 18.7843, 88.6665

Protanopia

111.8080, 38.0557, -26.1416

Deuteranopia

115.0030, 8.8725, 0.8744



Tritanopia

106.9240, -17.7105, 80.7507

Trichromacy



Original Color

102.8980, 18.7843, 88.6665



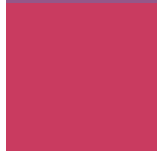
Protanomaly

108.3510, 31.3790, 15.4782



Deuteranomaly

110.8250, 12.4113, 32.6025



Tritanomaly

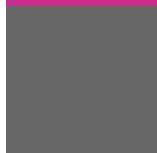
105.6760, -4.7703, 83.5991

Monochromacy



Original Color

102.8980, 18.7843, 88.6665



Achromatopsia

103.0000, 0.0000, 0.0000



Achromatomaly

103.3320, 6.7383, 32.1578

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.8980, 18.7843, 88.6665 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(204, 44, 141)` looks like.

```
.text, #text, p{  
    color:rgb(204, 44, 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(204, 44, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 44, 141) }
```

Border

The CSS property to change the border of an element to YUV 102.8980, 18.7843, 88.6665 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(204, 44, 141) }
```


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

```
.border{ border-color:rgb(204, 44, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 44, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 44, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 44, 141);  
box-shadow:4px 4px 4px 4px rgb(204, 44,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 102.8980, 18.7843, 88.6665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 44, 141) }
```

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

```
.background{ background-color: rgb(204, 44,  
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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