

Converting Colors

YUV(82.8780, 15.8361,
100.9620)

Have a look what the booklet for
YUV(82.8780, 15.8361, 100.9620)
contains.

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Color

**YUV(82.8780, 15.8361,
100.9620)**

Conversions

Conversions Part 1

Format	Color
Hex	C61273
RGB	198, 18, 115
RGB Percent	78%, 7%, 45%
CMY	0.2235, 0.9294, 0.5490
CMYK	0.00, 0.91, 0.42, 0.22
HSL	328°, 83%, 42%
HSV	328°, 91%, 78%
XYZ	26.5995, 13.6762, 17.4575
YIQ	82.8780, 76.1430, 68.3270

Conversions

Conversions Part 2

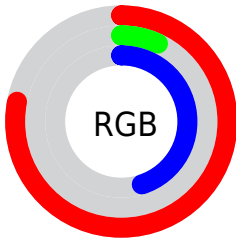
Format	Color
R_{YB}	198, 18, 115
Decimal	12980851
CIE _{Lab}	43.76, 69.44, -5.61
CIE _{LCh}	44, 69.669, 355.382
Yxy	13.6762, 0.4607, 0.2369
Android (android.graphics.Color)	4291170931 (0xFFC61273)
YUV	82.8780, 15.8361, 100.9620
Hunter-Lab	36.9813, 63.6722, -2.1016

Details

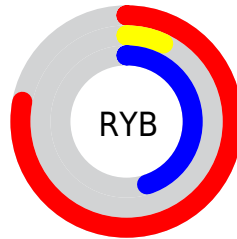
The YUV color **82.8780, 15.8361, 100.9620** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **133.1220, -15.8361, -100.9620**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.2870, 8.7325, 92.7103**, and **48.9000, 8.9233, 78.1407** is the 20% darker color. If you saturate the color by 10%, you get **71.4000, 17.5508, 111.0282**, and if you desaturate by 10%, it is **95.6440, 13.9795, 89.7662**.

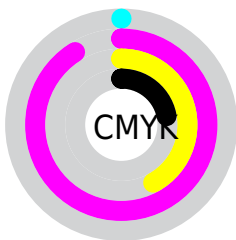
Distribution



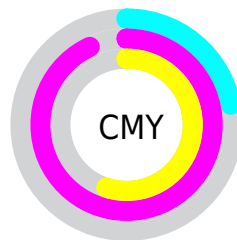
- Red (78%)
- Green (7%)
- Blue (45%)



- Red (78%)
- Yellow (7%)
- Blue (45%)



- Cyan (0%)
- Magenta (91%)
- Yellow (42%)
- Black (22%)



- Cyan (22%)
- Magenta (93%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.8780, 15.8361, 100.9620 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 82.8780, 15.8361, 100.9620 by changing the saturation by 10% instead.

■ 82.8780, 15.8361,
100.9620

■ 82.8780, 15.8361,
100.9620

■ 255.0000, 0.0000,
0.0000

■ 60.6060, 14.9842,
94.1845

■ 149.2870, 8.7325,
92.7103

■ 48.9000, 8.9233,
78.1407

■ 169.3880, 12.1337,
75.0817

■ 37.7210, 3.5885,
62.5117

■ 189.6030, 15.9717,
57.3532

■ 26.7700, -0.8726,
46.6827

■ 210.4050, 19.5203,
39.1098

■ 15.7760, -6.7916,
31.7684

■ 227.9980, 13.3120,
23.6808

■ 0.0000, 0.0000,
0.0000

■ 245.6080, 4.6303,

■ 82.8780, 15.8361,
100.9620

■ 82.8780, 15.8361,
100.9620

■ 71.4000, 17.5508,
111.0282

■ 95.6440, 13.9795,
89.7662

■ 108.4100, 12.1229,
78.5704

■ 120.5890, 10.5556,
67.8894

■ 133.4690, 9.1358,
56.5937

■ 146.2350, 7.2791,
45.3979

■ 159.0010, 5.4225,
34.2021

■ 171.7670, 3.5659,
23.0063

■ 183.9460, 1.9986,
12.3254

■ 196.7120, 0.1420,
1.1296

Harmonies

Analogous

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



101.8640, 33.5910, 52.7393



82.8780, 15.8361, 100.9620



86.3700, -13.9864, 99.6535

Triad

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



82.8780, 15.8361, 100.9620



90.8270, -44.7777, -11.2493



96.0610, 50.7489, -84.2455

Complementary

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



82.8780, 15.8361, 100.9620



133.1220, -15.8361, -100.9620

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.



92.4640, 29.3512, -81.0909



82.8780, 15.8361, 100.9620



75.5070, -22.9280, -66.2196

Square

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



82.8780, 15.8361, 100.9620



97.5920, -48.1129, 31.9298



85.0370, 3.4328, -74.5774



91.9980, 63.1050, -80.6822

Rectangle

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



82.8780, 15.8361, 100.9620



92.8860, -36.9188, 81.6610



85.0370, 3.4328, -74.5774



95.0520, 44.3444, -83.3606

Sweetspot

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



82.8780, 15.8361, 100.9620



210.8490, 5.9904, 38.7204



62.7390, 66.6837, 31.8009



101.7670, 3.5659, 23.0063



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.



82.8780, 15.8361, 100.9620



91.8630, 22.2525, 143.0711



72.8460, -22.6021, 109.7601



93.2610, 0.8573, 5.0331



58.7690, 14.4109, 91.4106



12.9300, 2.9925, 20.2324

Inverse Universe

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



82.8780, 15.8361, 100.9620



91.8630, 22.2525, 143.0711



143.1540, 22.6021, -109.7601



93.2610, 0.8573, 5.0331



58.7690, 14.4109, 91.4106



12.9300, 2.9925, 20.2324

Previews

White Background



This preview shows how the YUV color 82.8780, 15.8361, 100.9620 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

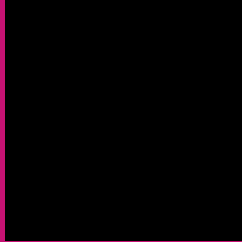
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.8780, 15.8361, 100.9620

Background



This preview shows how black text looks on a background with the YUV color 82.8780, 15.8361, 100.9620.



This preview shows how white text looks on a background with the YUV color 82.8780, 15.8361,

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

82.8780, 15.8361, 100.9620

Protanopia

103.8600, 29.1560, -18.2942

Deuteranopia

106.1580, 0.4151, 6.8774



Tritanopia

91.7680, -21.0846, 89.6575

Trichromacy



Original Color

82.8780, 15.8361, 100.9620

Protanomaly

96.2830, 24.5105, 25.1848

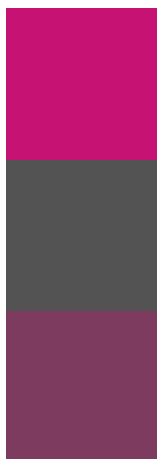
Deuteranomaly

97.5720, 6.1270, 41.5944

Tritanomaly

88.3460, -7.5656, 93.5356

Monochromacy



Original Color

82.8780, 15.8361, 100.9620

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.8380, 5.9959, 36.9761

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.8780, 15.8361, 100.9620 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(198, 18, 115)` looks like.

```
.text, #text, p{  
    color:rgb(198, 18, 115)  
}
```

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(198, 18, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 18, 115) }
```

Border

The CSS property to change the border of an element to YUV 82.8780, 15.8361, 100.9620 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(198, 18, 115) }
```


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

```
.border{ border-color:rgb(198, 18, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 18, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 18, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 18, 115);  
box-shadow:4px 4px 4px 4px rgb(198, 18,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 82.8780, 15.8361, 100.9620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 18, 115) }
```

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

```
.background{ background-color: rgb(198, 18,  
115) }
```

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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