

Converting Colors

YUV(82.0870, 8.8311, 107.7947)

Have a look what the booklet for
YUV(82.0870, 8.8311, 107.7947)
contains.

YUV(82.0870, 8.8311, 107.7947)	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(82.0870, 8.8311,
107.7947)**

Conversions

Conversions Part 1

Format	Color
Hex	CD1064
RGB	205, 16, 100
RGB Percent	80%, 6%, 39%
CMY	0.1961, 0.9373, 0.6078
CMYK	0.00, 0.92, 0.51, 0.20
HSL	333°, 86%, 43%
HSV	333°, 92%, 80%
XYZ	27.6624, 14.2698, 13.3530
YIQ	82.0870, 85.6800, 66.1920

Conversions

Conversions Part 2

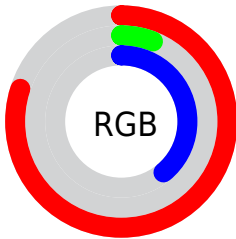
Format	Color
R_{YB}	205, 16, 100
Decimal	13439076
CIE _{Lab}	44.62, 70.07, 5.15
CIE _{LCh}	45, 70.257, 4.201
Yxy	14.2698, 0.5004, 0.2581
Android (android.graphics.Color)	4291629156 (0xFFCD1064)
YUV	82.0870, 8.8311, 107.7947
Hunter-Lab	37.7754, 64.6060, 5.4848

Details

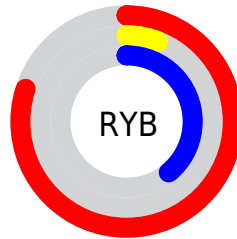
The YUV color **82.0870, 8.8311, 107.7947** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **138.9130, -8.8311, -107.7947**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.4630, 1.7437, 94.3099**, and **49.2120, 2.3605, 83.1291** is the 20% darker color. If you saturate the color by 10%, you get **71.6690, 9.5302, 116.9313**, and if you desaturate by 10%, it is **95.0810, 7.8481, 96.3990**.

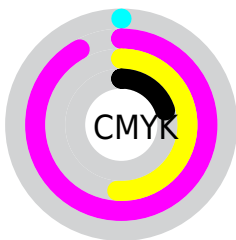
Distribution



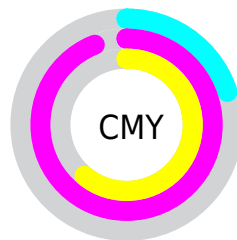
- Red (80%)
- Green (6%)
- Blue (39%)



- Red (80%)
- Yellow (6%)
- Blue (39%)



- Cyan (0%)
- Magenta (92%)
- Yellow (51%)
- Black (20%)




- Cyan (20%)
- Magenta (94%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YUV color 82.0870, 8.8311, 107.7947 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 82.0870, 8.8311, 107.7947 by changing the saturation by 10% instead.


 82.0870, 8.8311,
107.7947

 82.0870, 8.8311,
107.7947


255.0000, 0.0000,
0.0000

 60.6900, 7.5478,
99.3729


 147.4630, 1.7437,
94.3099


 49.2120, 2.3605,
83.1291


 168.0370, 4.4188,
76.2666


 37.8480, -2.3901,
66.7853


 188.2520, 8.2568,
58.5380

 26.4410, -8.5984,
51.3562

 208.4670, 12.0948,
40.8094

 16.6730, -7.2338,
33.6128

 228.5850, 13.0226,
23.1660

 2.9900, -1.4741,
6.1478

 246.1950, 4.3409,

 0.0000, 0.0000,

7.7220

0.0000

■ 82.0870, 8.8311,
107.7947

■ 82.0870, 8.8311,
107.7947

■ 71.6690, 9.5302,
116.9313

■ 95.0810, 7.8481,
96.3990

■ 108.7760, 7.0124,
84.3884

■ 121.7700, 6.0294,
72.9927

■ 135.4650, 5.1938,
60.9822

■ 148.4590, 4.2107,
49.5865

■ 162.0400, 2.9383,
37.6759

■ 175.7350, 2.1026,
25.6654

■ 188.7290, 1.1196,
14.2697

■ 202.4240, 0.2840,
2.2592

Harmonies

Analogous

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



100.0080, 28.5901, 70.1530



82.0870, 8.8311, 107.7947



92.2800, -24.2950, 92.7164

Triad

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



82.0870, 8.8311, 107.7947



87.7820, -43.2765, -26.1188



97.5430, 56.4273, -85.5452

Complementary

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



82.0870, 8.8311, 107.7947



138.9130, -8.8311, -107.7947

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.



95.6900, 36.6348, -83.9201



82.0870, 8.8311, 107.7947



80.2490, -14.9128, -70.3784

Square

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



82.0870, 8.8311, 107.7947



98.4010, -48.5117, 19.8193



89.0780, 11.3005, -78.1214



90.6930, 65.7204, -79.5378

Rectangle

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



82.0870, 8.8311, 107.7947



96.0840, -47.3694, 73.5943



89.0780, 11.3005, -78.1214



97.4630, 51.0437, -85.4751

Sweetspot

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



82.0870, 8.8311, 107.7947



208.7630, 3.0748, 40.5498



68.6420, 67.2245, 45.0410



99.3220, 1.8133, 25.1506



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.



82.0870, 8.8311, 107.7947



89.1270, 11.7694, 145.4706



77.7940, -30.4644, 111.5597



95.4460, 0.2731, 5.7479



58.0700, 7.8535, 94.6546



13.3000, 1.8241, 21.6619

Inverse Universe

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



82.0870, 8.8311, 107.7947



89.1270, 11.7694, 145.4706



143.2060, 30.4644, -111.5597



95.4460, 0.2731, 5.7479



58.0700, 7.8535, 94.6546



13.3000, 1.8241, 21.6619

Previews

White Background



This preview shows how the YUV color 82.0870, 8.8311, 107.7947 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 82.0870, 8.8311, 107.7947 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 82.0870, 8.8311, 107.7947

Background



This preview shows how black text looks on a background with the YUV color 82.0870, 8.8311, 107.7947.



This preview shows how white text looks on a background with the YUV color 82.0870, 8.8311, 107.7947.

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

82.0870, 8.8311, 107.7947

Protanopia

107.2280, 17.6356, -9.8470

Deuteranopia

107.7260, -7.7529, 13.3953



Tritanopia

89.8400, -23.5851, 98.3643

Trichromacy



Original Color

82.0870, 8.8311, 107.7947

Protanomaly

97.9930, 14.3005, 33.3321

Deuteranomaly

98.2540, -1.6042, 48.0122

Tritanomaly

87.2500, -11.9552, 101.5127

Monochromacy



Original Color

82.0870, 8.8311, 107.7947

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1650, 3.3697, 39.3203

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.0870, 8.8311, 107.7947 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(205, 16, 100)` looks like.

```
.text, #text, p{  
    color:rgb(205, 16, 100)  
}
```

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(205, 16, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 16, 100) }
```

Border

The CSS property to change the border of an element to YUV 82.0870, 8.8311, 107.7947 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(205, 16, 100) }
```


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

```
.border{ border-color:rgb(205, 16, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 16, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 16, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 16, 100);  
box-shadow:4px 4px 4px 4px rgb(205, 16,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 82.0870, 8.8311, 107.7947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 16, 100) }
```

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

```
.background{ background-color: rgb(205, 16,  
100) }
```

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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