

Converting Colors

YUV(106.6830, 8.0443, 80.0850)

Have a look what the booklet for
YUV(106.6830, 8.0443, 80.0850)
contains.

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Color

**YUV(106.6830, 8.0443,
80.0850)**

Conversions

Conversions Part 1

Format	Color
Hex	C6397B
RGB	198, 57, 123
RGB Percent	78%, 22%, 48%
CMY	0.2235, 0.7765, 0.5176
CMYK	0.00, 0.71, 0.38, 0.22
HSL	332°, 55%, 50%
HSV	332°, 71%, 78%
XYZ	28.3270, 16.3621, 20.4041
YIQ	106.6830, 62.8500, 50.4180

Conversions

Conversions Part 2

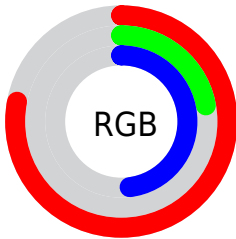
Format	Color
R_{YB}	198, 57, 123
Decimal	12990843
CIE _{Lab}	47.45, 60.51, -5.06
CIE _{LCh}	47, 60.720, 355.219
Yxy	16.3621, 0.4352, 0.2514
Android (android.graphics.Color)	4291180923 (0xFFC6397B)
YUV	106.6830, 8.0443, 80.0850
Hunter-Lab	40.4501, 54.2150, -1.5924

Details

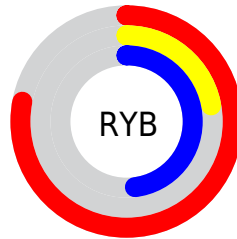
The YUV color **106.6830, 8.0443, 80.0850** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **148.3170, -8.0443, -80.0850**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.7000, 5.5709, 80.0701**, and **49.9970, 11.8335, 78.0556** is the 20% darker color. If you saturate the color by 10%, you get **93.6890, 9.0273, 91.4807**, and if you desaturate by 10%, it is **119.6770, 7.0612, 68.6893**.

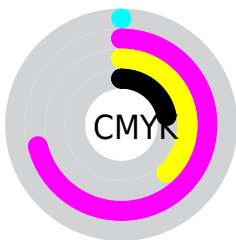
Distribution



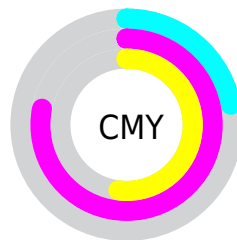
- Red (78%)
- Green (22%)
- Blue (48%)



- Red (78%)
- Yellow (22%)
- Blue (48%)



- Cyan (0%)
- Magenta (71%)
- Yellow (38%)
- Black (22%)



- Cyan (22%)
- Magenta (78%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.6830, 8.0443, 80.0850 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 106.6830, 8.0443, 80.0850 by changing the saturation by 10% instead.


 106.6830, 8.0443,
80.0850

 106.6830, 8.0443,
80.0850


255.0000, 0.0000,
0.0000


 73.7310, 11.9646,
82.6739

 163.7000, 5.5709,
80.0701


 49.9970, 11.8335,
78.0556


 183.3280, 9.6983,
62.8563

 39.1170, 6.3513,
63.0414


 202.9560, 13.8257,
45.6426

 28.0520, 1.4534,
47.3124

 222.7150, 15.9165,
28.3139

 17.4990, -6.6550,
34.6424

 239.7380, 7.5242,
13.3848

 4.7840, -2.3585,
9.8364

 0.0000, 0.0000,

0.0000

■ 106.6830, 8.0443,
80.0850

■ 106.6830, 8.0443,
80.0850

■ 93.6890, 9.0273,
91.4807

■ 119.6770, 7.0612,
68.6893

■ 80.8090, 10.4472,
102.7765

■ 132.5570, 5.6414,
57.3935

■ 69.8040, 11.4356,
112.4279

■ 144.9640, 4.9477,
46.5126

■ 157.8440, 3.5279,
35.2168

■ 170.8380, 2.5449,
23.8211

■ 183.7180, 1.1250,
12.5253

■ 196.7120, 0.1420,
1.1296

■ 209.0050, -0.9885,
-9.6514

■ 221.9990, -1.9715,
-21.0471

Harmonies

Analogous

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



114.1420, 28.5240, 44.6025



106.6830, 8.0443, 80.0850



105.2880, -16.4110, 83.9394

Triad

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



106.6830, 8.0443, 80.0850



99.7200, -49.1620, -5.0164



99.8280, 47.4128, -87.5492

Complementary

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



106.6830, 8.0443, 80.0850



148.3170, -8.0443, -80.0850

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.



96.9150, 28.6359, -84.9945



106.6830, 8.0443, 80.0850



82.5970, -16.0703, -72.4376

Square

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



106.6830, 8.0443, 80.0850



105.5660, -52.0440, 32.8296



90.8730, 5.4856, -79.6956



95.5370, 58.8953, -83.7859

Rectangle

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



106.6830, 8.0443, 80.0850



106.9710, -32.5237, 71.9394



90.8730, 5.4856, -79.6956



99.6340, 41.5924, -87.3790

Sweetspot

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



106.6830, 8.0443, 80.0850



220.1100, 3.3968, 30.5985



94.9010, 50.8278, 30.7818



107.2780, 1.8349, 18.1732



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.



106.6830, 8.0443, 80.0850



114.5110, 12.5661, 123.2089



100.3330, -21.3632, 85.6540



93.1470, 0.4205, 5.1331



57.4010, 9.1693, 92.6103



12.7020, 2.1189, 20.4323

Inverse Universe

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



106.6830, 8.0443, 80.0850



114.5110, 12.5661, 123.2089



154.6670, 21.3632, -85.6540



93.1470, 0.4205, 5.1331



57.4010, 9.1693, 92.6103



12.7020, 2.1189, 20.4323

Previews

White Background



This preview shows how the YUV color 106.6830, 8.0443, 80.0850 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 106.6830, 8.0443, 80.0850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

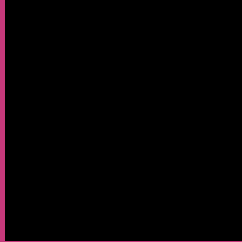
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.6830, 8.0443, 80.0850

Background



This preview shows how black text looks on a background with the YUV color 106.6830, 8.0443, 80.0850.



This preview shows how white text looks on a background with the YUV color 106.6830, 8.0443,

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

106.6830, 8.0443, 80.0850

Protanopia

113.4710, 22.4458, -12.6911

Deuteranopia

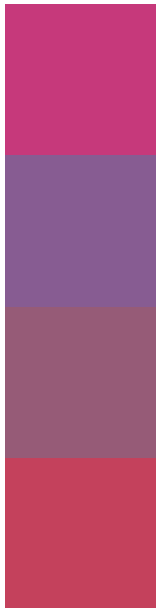
114.5710, 0.7045, 7.3922



Tritanopia

107.8310, -16.6787, 76.4472

Trichromacy



Original Color

106.6830, 8.0443, 80.0850

Protanomaly

111.0130, 17.2486, 21.0366

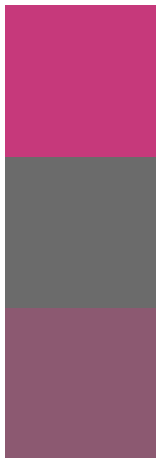
Deuteranomaly

111.8330, 3.5333, 33.4725

Tritanomaly

107.2470, -7.5168, 77.8364

Monochromacy



Original Color

106.6830, 8.0443, 80.0850

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.9850, 2.9654, 28.9542

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.6830, 8.0443, 80.0850 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, 57, 123)` looks like.

```
.text, #text, p{  
    color:rgb(198, 57, 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(198, 57, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 57, 123) }
```

Border

The CSS property to change the border of an element to YUV 106.6830, 8.0443, 80.0850 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, 57, 123) }
```


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

```
.border{ border-color:rgb(198, 57, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 57, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 57, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 57, 123);  
box-shadow:4px 4px 4px 4px rgb(198, 57,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 106.6830, 8.0443, 80.0850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 57, 123) }
```

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

```
.background{ background-color: rgb(198, 57,  
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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