

Converting Colors

YUV(103.3810, -0.6808,
78.5959)

Have a look what the booklet for
YUV(103.3810, -0.6808, 78.5959)
contains.

YUV(103.3810, -0.6808, 78.5959)	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(103.3810, -0.6808,
78.5959)**

Conversions

Conversions Part 1

Format	Color
Hex	C13A66
RGB	193, 58, 102
RGB Percent	76%, 23%, 40%
CMY	0.2431, 0.7725, 0.6000
CMYK	0.00, 0.70, 0.47, 0.24
HSL	340°, 54%, 49%
HSV	340°, 70%, 76%
XYZ	25.9036, 15.3229, 14.1627
YIQ	103.3810, 66.3360, 42.3040

Conversions

Conversions Part 2

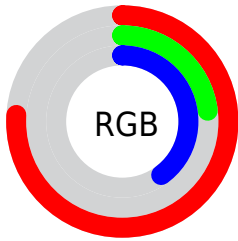
Format	Color
R_{YB}	193, 58, 102
Decimal	12663398
CIE Lab	46.07, 56.62, 5.69
CIE LCh	46, 56.901, 5.737
Yxy	15.3229, 0.4677, 0.2766
Android (android.graphics.Color)	4290853478 (0xFFC13A66)
YUV	103.3810, -0.6808, 78.5959
Hunter-Lab	39.1444, 49.6187, 5.9496

Details

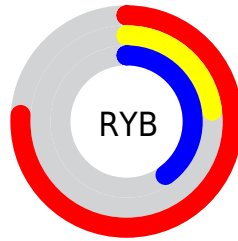
The YUV color **103.3810, -0.6808, 78.5959** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **147.6190, 0.6808, -78.5959**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.3060, -3.6019, 82.1696**, and **46.4500, 4.7082, 76.7814** is the 20% darker color. If you saturate the color by 10%, you get **90.7460, -0.8608, 89.6768**, and if you desaturate by 10%, it is **116.0160, -0.5009, 67.5150**.

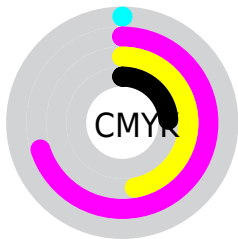
Distribution



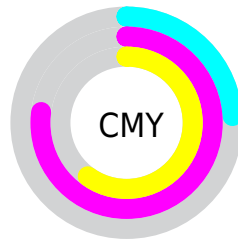
- Red (76%)
- Green (23%)
- Blue (40%)



- Red (76%)
- Yellow (23%)
- Blue (40%)



- Cyan (0%)
- Magenta (70%)
- Yellow (47%)
- Black (24%)




- Cyan (24%)
- Magenta (77%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.3810, -0.6808, 78.5959 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 103.3810, -0.6808, 78.5959 by changing the saturation by 10% instead.

 103.3810, -0.6808,
78.5959


 103.3810, -0.6808,
78.5959


255.0000, 0.0000,
0.0000

 72.3040, 2.8081,
79.5404


 160.3060, -3.6019,
82.1696

 46.4500, 4.7082,
76.7814


 180.0050, -0.4955,
65.7706


 35.2710, -0.6266,
61.1523

 199.6330, 3.6319,
48.5569

 24.3910, -6.1088,
46.1381

 219.8480, 7.4699,
30.8283

 15.1780, -6.4968,
30.5389

 239.1510, 7.8136,
13.8996

 0.0000, 0.0000,
0.0000

■ 103.3810, -0.6808,
78.5959

■ 103.3810, -0.6808,
78.5959

■ 90.7460, -0.8608,
89.6768

■ 116.0160, -0.5009,
67.5150

■ 77.5240, -0.7513,
101.2725

■ 129.2380, -0.6103,
55.9193

■ 64.8890, -0.9313,
112.3533

■ 141.8730, -0.4304,
44.8384

■ 154.5080, -0.2504,
33.7575

■ 167.7300, -0.3599,
22.1618

■ 180.3650, -0.1799,
11.0809

■ 193.0000, 0.0000,
0.0000

■ 205.6350, 0.1799,

-11.0809

■ 218.8570, 0.0705,
-22.6766

Harmonies

Analogous

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



109.2160, 19.6135, 55.9386



103.3810, -0.6808, 78.5959



103.9740, -23.6512, 72.8138

Triad

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



103.3810, -0.6808, 78.5959



95.6070, -37.7673, -19.8263



95.1320, 49.7279, -83.4308

Complementary

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



103.3810, -0.6808, 78.5959



147.6190, 0.6808, -78.5959

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.



95.0060, 34.0140, -83.3203



103.3810, -0.6808, 78.5959



82.8880, -7.3398, -72.6928

Square

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



103.3810, -0.6808, 78.5959



101.3470, -49.9641, 18.9897



90.2350, 13.1951, -79.1361



89.1140, 57.1318, -78.1530

Rectangle

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



103.3810, -0.6808, 78.5959



104.4010, -38.1587, 59.2843



90.2350, 13.1951, -79.1361



95.9810, 45.3654, -84.1753

Sweetspot

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



103.3810, -0.6808, 78.5959



214.8990, 0.0498, 30.7836



100.3000, 45.7011, 41.8329



104.4090, -0.2016, 18.0583



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



103.3810, -0.6808, 78.5959



110.5420, -1.2532, 122.3047



111.2790, -26.2665, 71.6693



90.3320, -0.1637, 5.8478



54.0670, -1.0190, 93.7802



11.1210, -0.0597, 19.1879

Inverse Universe

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



103.3810, -0.6808, 78.5959



110.5420, -1.2532, 122.3047



139.1340, 26.5559, -71.1545



90.3320, -0.1637, 5.8478



54.0670, -1.0190, 93.7802



11.1210, -0.0597, 19.1879

Previews

White Background



This preview shows how the YUV color 103.3810, -0.6808, 78.5959 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 103.3810, -0.6808, 78.5959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

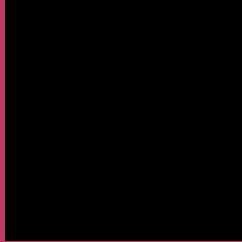
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.3810, -0.6808, 78.5959

Background



This preview shows how black text looks on a background with the YUV color 103.3810, -0.6808, 78.5959.

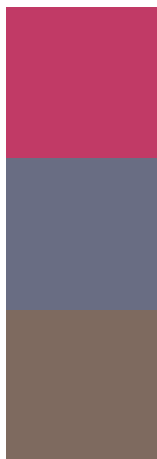


This preview shows how white text looks on a background with the YUV color 103.3810, -0.6808,

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

103.3810, -0.6808, 78.5959

Protanopia

110.3120, 10.1992, -4.6586

Deuteranopia

110.7260, -7.7529, 13.3953



Tritanopia

103.1300, -16.8261, 77.0620

Trichromacy



Original Color

103.3810, -0.6808, 78.5959

Protanomaly

107.4730, 6.1758, 25.8952

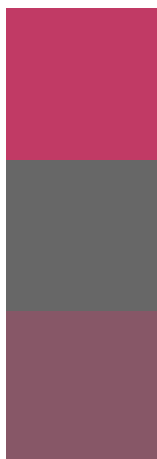
Deuteranomaly

108.2650, -5.0606, 36.6016

Tritanomaly

103.0360, -10.8637, 78.0214

Monochromacy



Original Color

103.3810, -0.6808, 78.5959

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.4750, -0.2342, 28.5244

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.3810, -0.6808, 78.5959 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(193, 58, 102)` looks like.

```
.text, #text, p{  
  color:rgb(193, 58, 102)  
}
```

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(193, 58, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 58, 102) }
```

Border

The CSS property to change the border of an element to YUV 103.3810, -0.6808, 78.5959 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(193, 58, 102) }
```


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

```
.border{ border-color:rgb(193, 58, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 58, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 58, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 58, 102);  
box-shadow:4px 4px 4px 4px rgb(193, 58,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 103.3810, -0.6808, 78.5959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 58, 102) }
```

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

```
.background{ background-color: rgb(193, 58,  
102) }
```

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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