

Converting Colors

YUV(108.6380, 12.9965,
78.3705)

Have a look what the booklet for
YUV(108.6380, 12.9965, 78.3705)
contains.

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Color

**YUV(108.6380, 12.9965,
78.3705)**

Conversions

Conversions Part 1

Format	Color
Hex	C63A87
RGB	198, 58, 135
RGB Percent	78%, 23%, 53%
CMY	0.2235, 0.7725, 0.4706
CMYK	0.00, 0.71, 0.32, 0.22
HSL	327°, 55%, 50%
HSV	327°, 71%, 78%
XYZ	29.1749, 16.7811, 24.6231
YIQ	108.6380, 58.7230, 53.6270

Conversions

Conversions Part 2

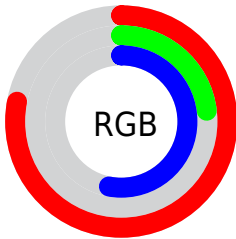
Format	Color
R _Y B	198, 58, 135
Decimal	12991111
CIE Lab	47.98, 61.49, -11.53
CIE LCh	48, 62.566, 349.377
Yxy	16.7811, 0.4134, 0.2378
Android (android.graphics.Color)	4291181191 (0xFFC63A87)
YUV	108.6380, 12.9965, 78.3705
Hunter-Lab	40.9648, 55.4384, -6.9626

Details

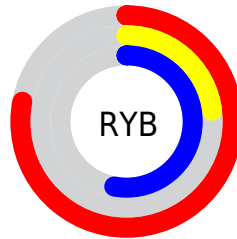
The YUV color **108.6380, 12.9965, 78.3705** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **147.3620, -12.9965, -78.3705**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7690, 10.9599, 78.2556**, and **51.5500, 16.4909, 77.5707** is the 20% darker color. If you saturate the color by 10%, you get **95.8720, 14.8531, 89.5663**, and if you desaturate by 10%, it is **121.4040, 11.1398, 67.1747**.

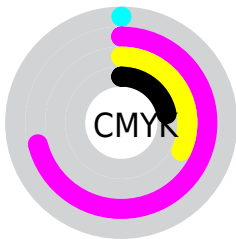
Distribution



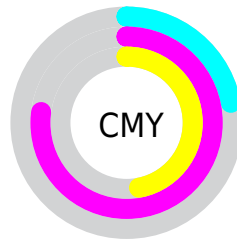
- Red (78%)
- Green (23%)
- Blue (53%)



- Red (78%)
- Yellow (23%)
- Blue (53%)



- Cyan (0%)
- Magenta (71%)
- Yellow (32%)
- Black (22%)





- Cyan (22%)
- Magenta (77%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.6380, 12.9965, 78.3705 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 108.6380, 12.9965, 78.3705 by changing the saturation by 10% instead.


 108.6380, 12.9965,
78.3705


 108.6380, 12.9965,
78.3705

255.0000, 0.0000,
0.0000


 75.9850, 16.7694,
81.5742

 165.7690, 10.9599,
78.2556


 51.5500, 16.4909,
77.5707

 185.3970, 15.0873,
61.0418


 40.2570, 10.7193,
62.0416


 205.0250, 19.2147,
43.8281

 29.3770, 5.2371,
47.0274

 223.3020, 15.6271,
27.7991

 19.5080, -0.2504,
33.7575

 240.9120, 6.9454,
12.3552

 6.2790, -3.0955,
12.9103

 0.0000, 0.0000,

0.0000

■ 108.6380, 12.9965,
78.3705

■ 108.6380, 12.9965,
78.3705

■ 95.8720, 14.8531,
89.5663

■ 121.4040, 11.1398,
67.1747

■ 83.1060, 16.7097,
100.7620

■ 134.1700, 9.2832,
55.9789

■ 71.6280, 18.4244,
110.8282

■ 146.3490, 7.7159,
45.2979

■ 159.1150, 5.8593,
34.1021

■ 171.8810, 4.0027,
22.9064

■ 184.5330, 1.7092,
11.8106

■ 197.2990, -0.1474,
0.6148

■ 209.4780, -1.7147,
-10.0662

■ 222.2440, -3.5713,
-21.2620

Harmonies

Analogous

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



116.2380, 32.9137, 36.6253



108.6380, 12.9965, 78.3705



104.9880, -11.3331, 88.5875

Triad

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



108.6380, 12.9965, 78.3705



103.0090, -50.7834, 1.7461



101.3610, 45.6710, -88.8936

Complementary

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



108.6380, 12.9965, 78.3705



147.3620, -12.9965, -78.3705

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.



97.8780, 24.7101, -85.8390



108.6380, 12.9965, 78.3705



90.4870, -25.8761, -53.9241

Square

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



108.6380, 12.9965, 78.3705



107.3820, -52.9393, 40.0070



90.4340, 1.2650, -79.3106



98.8140, 58.7587, -86.6599

Rectangle

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



108.6380, 12.9965, 78.3705



107.3400, -28.7616, 78.6318



90.4340, 1.2650, -79.3106



100.3520, 39.2665, -88.0087

Sweetspot

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



108.6380, 12.9965, 78.3705



220.5660, 5.1440, 30.1986



92.7970, 51.8651, 24.7340



107.5060, 2.7085, 17.9732



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.



108.6380, 12.9965, 78.3705



116.4490, 19.9916, 121.5092



100.6580, -17.5794, 85.3689



93.2610, 0.8573, 5.0331



58.9970, 15.2845, 91.2106



13.0440, 3.4293, 20.1324

Inverse Universe

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



108.6380, 12.9965, 78.3705



116.4490, 19.9916, 121.5092



155.3420, 17.5794, -85.3689



93.2610, 0.8573, 5.0331



58.9970, 15.2845, 91.2106



13.0440, 3.4293, 20.1324

Previews

White Background



This preview shows how the YUV color 108.6380, 12.9965, 78.3705 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 108.6380, 12.9965, 78.3705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

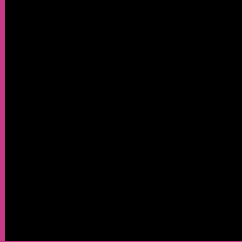
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.6380, 12.9965, 78.3705

Background



This preview shows how black text looks on a background with the YUV color 108.6380, 12.9965, 78.3705.



This preview shows how white text looks on a background with the YUV color 108.6380, 12.9965,

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

108.6380, 12.9965, 78.3705

Protanopia

113.8600, 29.1560, -18.2942

Deuteranopia

115.6290, 6.0989, 3.8334



Tritanopia

109.7490, -15.6523, 73.8881

Trichromacy



Original Color

108.6380, 12.9965, 78.3705

Protanomaly

111.8860, 23.2272, 16.7630

Deuteranomaly

113.1900, 8.7803, 30.5284

Tritanomaly

109.5070, -5.1800, 74.9774

Monochromacy



Original Color

108.6380, 12.9965, 78.3705

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.4410, 4.7126, 28.5542

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.6380, 12.9965, 78.3705 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, 58, 135)` looks like.

```
.text, #text, p{  
    color:rgb(198, 58, 135)  
}
```

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, 58, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 58, 135) }
```

Border

The CSS property to change the border of an element to YUV 108.6380, 12.9965, 78.3705 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, 58, 135) }
```


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

```
.border{ border-color:rgb(198, 58, 135) }
```

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

Here you see how a box with a 4 pixel rgb(198, 58, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 58, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 58, 135);  
box-shadow:4px 4px 4px 4px rgb(198, 58,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 108.6380, 12.9965, 78.3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 58, 135) }
```

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

```
.background{ background-color: rgb(198, 58,  
135) }
```

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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