

Converting Colors

YUV(108.0330, 17.2387,
71.0081)

Have a look what the booklet for
YUV(108.0330, 17.2387, 71.0081)
contains.

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Color

**YUV(108.0330, 17.2387,
71.0081)**

Conversions

Conversions Part 1

Format	Color
Hex	BD3C8F
RGB	189, 60, 143
RGB Percent	74%, 24%, 56%
CMY	0.2588, 0.7647, 0.4392
CMYK	0.00, 0.68, 0.24, 0.26
HSL	321°, 52%, 49%
HSV	321°, 68%, 74%
XYZ	27.5600, 16.0337, 27.6288
YIQ	108.0330, 50.2410, 53.1610

Conversions

Conversions Part 2

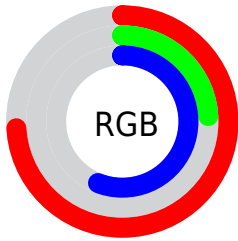
Format	Color
R_{YB}	189, 60, 143
Decimal	12401807
CIE _{Lab}	47.02, 59.31, -17.97
CIE _{LCh}	47, 61.970, 343.147
Yxy	16.0337, 0.3870, 0.2251
Android (android.graphics.Color)	4290591887 (0xFFBD3C8F)
YUV	108.0330, 17.2387, 71.0081
Hunter-Lab	40.0421, 52.7837, -12.8803

Details

The YUV color **108.0330, 17.2387, 71.0081** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **140.9670, -17.2387, -71.0081**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.2890, 15.6335, 72.5375**, and **50.0700, 21.1645, 71.8526** is the 20% darker color. If you saturate the color by 10%, you get **96.0820, 19.6796, 81.4891**, and if you desaturate by 10%, it is **119.9840, 14.7979, 60.5270**.

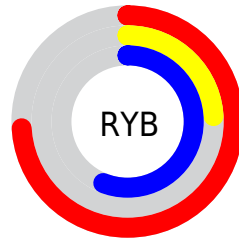
Distribution



Red (74%)

Green (24%)

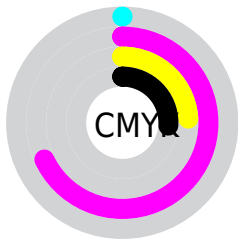
Blue (56%)



Red (74%)

Yellow (24%)

Blue (56%)

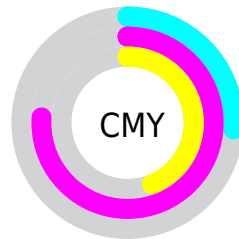


Cyan (0%)

Magenta (68%)

Yellow (24%)

Black (26%)



Cyan (26%)


Magenta (76%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.0330, 17.2387, 71.0081 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 108.0330, 17.2387, 71.0081 by changing the saturation by 10% instead.


 108.0330, 17.2387,
71.0081


 108.0330, 17.2387,
71.0081


255.0000, 0.0000,
0.0000


 77.0270, 19.7067,
72.7673


 165.2890, 15.6335,
72.5375


 50.0700, 21.1645,
71.8526


 186.4230, 19.0185,
60.1420


 38.9620, 14.8087,
57.0383


 206.7520, 23.2933,
42.3135

 27.9680, 8.8898,
42.1241

 223.3020, 15.6271,
27.7991

 18.2130, 3.8390,
28.7542

 240.9120, 6.9454,
12.3552

 2.6910, -1.3267,
5.5330

 0.0000, 0.0000,

0.0000

■ 108.0330, 17.2387,
71.0081

■ 108.0330, 17.2387,
71.0081

■ 96.0820, 19.6796,
81.4891

■ 119.9840, 14.7979,
60.5270

■ 84.2450, 22.5572,
91.8701

■ 131.8210, 11.9202,
50.1460

■ 72.2940, 24.9981,
102.3512

■ 143.7720, 9.4794,
39.6650

■ 70.4190, 25.4294,
103.9955

■ 155.7230, 7.0386,
29.1839

■ 167.6740, 4.5977,
18.7029

■ 178.9240, 2.0095,
8.8367

■ 190.8750, -0.4314,
-1.6444

■ 202.8260, -2.8722,
-12.1254

■ 214.7770, -5.3131,
-22.6064

Harmonies

Analogous

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



114.3720, 36.2986, 24.2298



108.0330, 17.2387, 71.0081



102.1820, -5.5127, 88.4174

Triad

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



108.0330, 17.2387, 71.0081



102.1780, -50.3738, 10.3679



98.8190, 41.0082, -86.6643

Complementary

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



108.0330, 17.2387, 71.0081



140.9670, -17.2387, -71.0081

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.



94.5210, 19.4631, -82.8949



108.0330, 17.2387, 71.0081



92.5340, -33.7873, -36.4253

Square

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



108.0330, 17.2387, 71.0081



104.7680, -51.6506, 46.6845



87.0770, -3.9820, -76.3665



98.1300, 56.1379, -86.0600

Rectangle

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



108.0330, 17.2387, 71.0081



103.6700, -22.5153, 81.8504



87.0770, -3.9820, -76.3665



97.6960, 34.1669, -85.6794

Sweetspot

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



108.0330, 17.2387, 71.0081



214.1850, 6.3178, 27.0248



88.1610, 49.7136, 14.7678



103.8370, 4.0244, 15.9290



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



108.0330, 17.2387, 71.0081



118.8050, 26.7181, 110.6730



100.7370, -10.7163, 77.4067



88.3750, 1.2941, 4.9331



58.8700, 21.2631, 86.9370



11.5490, 4.1663, 17.0585

Inverse Universe

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



108.0330, 17.2387, 71.0081



118.8050, 26.7181, 110.6730



148.2630, 10.7163, -77.4067



88.3750, 1.2941, 4.9331



58.8700, 21.2631, 86.9370



11.5490, 4.1663, 17.0585

Previews

White Background



This preview shows how the YUV color 108.0330, 17.2387, 71.0081 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 108.0330, 17.2387, 71.0081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

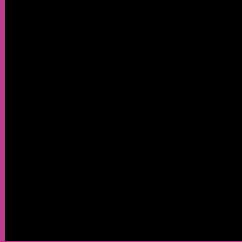
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

YUV 108.0330, 17.2387, 71.0081

Background



This preview shows how black text looks on a background with the YUV color 108.0330, 17.2387, 71.0081.



This preview shows how white text looks on a background with the YUV color 108.0330, 17.2387, 71.0081.

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

108.0330, 17.2387, 71.0081

Protanopia

110.6190, 34.6978, -22.4679

Deuteranopia

113.2630, 11.2093, -1.9847



Tritanopia

109.5630, -13.5886, 65.2812

Trichromacy



Original Color

108.0330, 17.2387, 71.0081

Protanomaly

109.8190, 28.1902, 11.5597

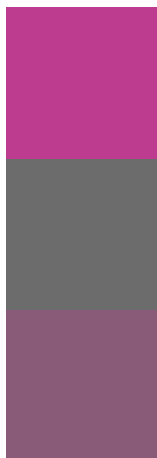
Deuteranomaly

111.4110, 13.6014, 24.1956

Tritanomaly

109.1470, -2.5375, 67.4001

Monochromacy



Original Color

108.0330, 17.2387, 71.0081

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.1740, 6.3232, 25.2804

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.0330, 17.2387, 71.0081 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(189, 60, 143)` looks like.

```
.text, #text, p{  
    color:rgb(189, 60, 143)  
}
```

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(189, 60, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 60, 143) }
```

Border

The CSS property to change the border of an element to YUV 108.0330, 17.2387, 71.0081 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(189, 60, 143) }
```


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

```
.border{ border-color:rgb(189, 60, 143) }
```

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

Here you see how a box with a 4 pixel rgb(189, 60, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 60, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 60, 143);  
box-shadow:4px 4px 4px 4px rgb(189, 60,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 108.0330, 17.2387, 71.0081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 60, 143) }
```

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

```
.background{ background-color: rgb(189, 60,  
143) }
```

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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