

Converting Colors

YUV(103.9470, 14.3231,
72.8375)

Have a look what the booklet for
YUV(103.9470, 14.3231, 72.8375)
contains.

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Color

**YUV(103.9470, 14.3231,
72.8375)**

Conversions

Conversions Part 1

Format	Color
Hex	BB3885
RGB	187, 56, 133
RGB Percent	73%, 22%, 52%
CMY	0.2667, 0.7804, 0.4784
CMYK	0.00, 0.70, 0.29, 0.27
HSL	325°, 54%, 48%
HSV	325°, 70%, 73%
XYZ	26.1413, 15.0866, 23.7245
YIQ	103.9470, 53.3590, 51.7190

Conversions

Conversions Part 2

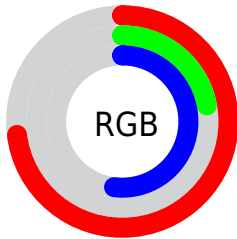
Format	Color
RYB	187, 56, 133
Decimal	12269701
CIELab	45.75, 58.99, -13.88
CIELCh	46, 60.598, 346.760
Yxy	15.0866, 0.4025, 0.2323
Android (android.graphics.Color)	4290459781 (0xFFBB3885)
YUV	103.9470, 14.3231, 72.8375
Hunter-Lab	38.8415, 52.1626, -9.0255

Details

The YUV color **103.9470, 14.3231, 72.8375** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **139.0530, -14.3231, -72.8375**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.0890, 12.2811, 74.4669**, and **48.3320, 17.0913, 71.6228** is the 20% darker color. If you saturate the color by 10%, you get **91.8820, 16.3272, 83.4185**, and if you desaturate by 10%, it is **116.0120, 12.3191, 62.2565**.

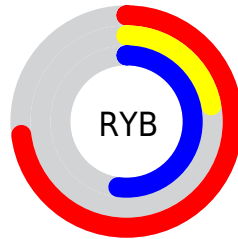
Distribution



Red (73%)

Green (22%)

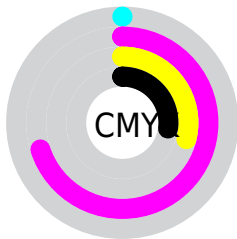
Blue (52%)



Red (73%)

Yellow (22%)

Blue (52%)

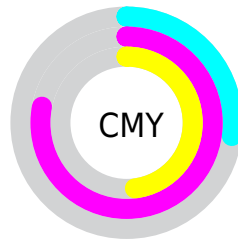


Cyan (0%)

Magenta (70%)

Yellow (29%)

Black (27%)



Cyan (27%)


Magenta (78%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YUV color 103.9470, 14.3231, 72.8375 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 103.9470, 14.3231, 72.8375 by changing the saturation by 10% instead.


 103.9470, 14.3231,
72.8375


 103.9470, 14.3231,
72.8375


255.0000, 0.0000,
0.0000


 71.8810, 17.8067,
75.5264

 161.0890, 12.2811,
74.4669


 48.3320, 17.0913,
71.6228

 183.4080, 15.0819,
62.7862

 37.3380, 11.1724,
56.7086

 203.0360, 19.2093,
45.5724

 26.4580, 5.6902,
41.6943

 221.5410, 16.4953,
29.3435

 16.5890, 0.2026,
28.4244

 238.5640, 8.1029,
14.4144

 0.0000, 0.0000,
0.0000

■ 103.9470, 14.3231,
72.8375

■ 103.9470, 14.3231,
72.8375

■ 91.8820, 16.3272,
83.4185

■ 116.0120, 12.3191,
62.2565

■ 80.5180, 18.4786,
93.3847

■ 127.3760, 10.1676,
52.2902

■ 68.4530, 20.4827,
103.9657

■ 139.4410, 8.1636,
41.7092

■ 151.5060, 6.1595,
31.1282

■ 162.9840, 4.4449,
21.0620

■ 174.9350, 2.0040,
10.5810

■ 187.0000, 0.0000,
0.0000

■ 199.0650, -2.0040,

-10.5810

■ 210.4290, -4.1555,
-20.5472

Harmonies

Analogous

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



110.7210, 33.6615, 30.0627



103.9470, 14.3231, 72.8375



99.3620, -8.5595, 85.6285

Triad

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



103.9470, 14.3231, 72.8375



98.6010, -48.6103, 4.7349



96.4710, 42.1658, -84.6051

Complementary

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



103.9470, 14.3231, 72.8375



139.0530, -14.3231, -72.8375

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.



92.4010, 21.4943, -81.0357



103.9470, 14.3231, 72.8375



88.1570, -28.6714, -43.9877

Square

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



103.9470, 14.3231, 72.8375



102.0770, -50.3240, 41.1515



85.7720, -1.3666, -75.2220



94.7390, 55.8377, -83.0861

Rectangle

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



103.9470, 14.3231, 72.8375



101.2520, -25.2672, 77.8320



85.7720, -1.3666, -75.2220



95.4620, 35.7612, -83.7202

Sweetspot

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



103.9470, 14.3231, 72.8375



209.6690, 5.5862, 28.3543



86.4820, 49.5554, 18.8713



103.0220, 3.4402, 16.6437



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.



103.9470, 14.3231, 72.8375



113.2630, 22.0553, 112.9023



96.6510, -13.6319, 79.2361



88.2610, 0.8573, 5.0331



57.8440, 17.3319, 87.8368



11.3210, 3.2927, 17.2585

Inverse Universe

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



103.9470, 14.3231, 72.8375



113.2630, 22.0553, 112.9023



146.3490, 13.6319, -79.2361



88.2610, 0.8573, 5.0331



57.8440, 17.3319, 87.8368



11.3210, 3.2927, 17.2585

Previews

White Background



This preview shows how the YUV color 103.9470, 14.3231, 72.8375 looks on a white background.

Color Contrast Check

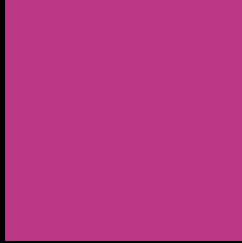
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.9470, 14.3231, 72.8375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

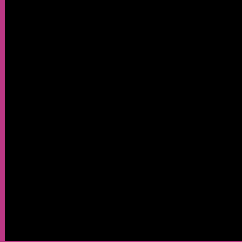
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.9470, 14.3231, 72.8375

Background



This preview shows how black text looks on a background with the YUV color 103.9470, 14.3231, 72.8375.



This preview shows how white text looks on a background with the YUV color 103.9470, 14.3231, 72.8375.

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

103.9470, 14.3231, 72.8375

Protanopia

107.9030, 30.6138, -19.2089

Deuteranopia

110.0740, 7.8515, 1.6891



Tritanopia

105.3460, -14.4676, 67.2256

Trichromacy



Original Color

103.9470, 14.3231, 72.8375

Protanomaly

106.3310, 24.9798, 14.6187

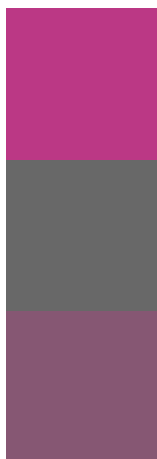
Deuteranomaly

107.9230, 10.3910, 27.2545

Tritanomaly

104.8160, -3.8533, 69.4444

Monochromacy



Original Color

103.9470, 14.3231, 72.8375

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.2450, 5.3022, 26.0951

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.9470, 14.3231, 72.8375 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(187, 56, 133)` looks like.

```
.text, #text, p{  
  color:rgb(187, 56, 133)  
}
```

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(187, 56, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 56, 133) }
```

Border

The CSS property to change the border of an element to YUV 103.9470, 14.3231, 72.8375 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(187, 56, 133) }
```


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

```
.border{ border-color:rgb(187, 56, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 56, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 56, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 56, 133);  
box-shadow:4px 4px 4px 4px rgb(187, 56,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 103.9470, 14.3231, 72.8375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 56, 133) }
```

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

```
.background{ background-color: rgb(187, 56,  
133) }
```

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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