

Converting Colors

YUV(102.9720, 2.9718, 73.6926)

Have a look what the booklet for
YUV(102.9720, 2.9718, 73.6926)
contains.

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Color

**YUV(102.9720, 2.9718,
73.6926)**

Conversions

Conversions Part 1

Format	Color
Hex	BB3B6D
RGB	187, 59, 109
RGB Percent	73%, 23%, 43%
CMY	0.2667, 0.7686, 0.5725
CMYK	0.00, 0.68, 0.42, 0.27
HSL	337°, 52%, 48%
HSV	337°, 68%, 73%
XYZ	24.8178, 14.7969, 16.0160
YIQ	102.9720, 60.2380, 42.6860

Conversions

Conversions Part 2

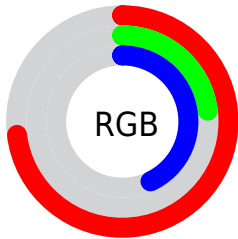
Format	Color
R_{YB}	187, 59, 109
Decimal	12270445
CIE _{Lab}	45.35, 55.12, 0.21
CIE _{LCh}	45, 55.120, 0.217
Yxy	14.7969, 0.4461, 0.2660
Android (android.graphics.Color)	4290460525 (0xFFBB3B6D)
YUV	102.9720, 2.9718, 73.6926
Hunter-Lab	38.4667, 47.8473, 2.2406

Details

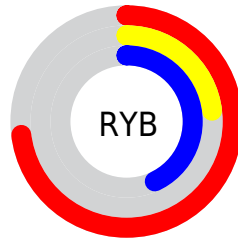
The YUV color **102.9720, 2.9718, 73.6926** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **143.0280, -2.9718, -73.6926**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.5980, 0.1982, 76.6516**, and **45.6390, 8.0660, 73.1076** is the 20% darker color. If you saturate the color by 10%, you get **90.5650, 3.6655, 84.5735**, and if you desaturate by 10%, it is **115.3790, 2.2782, 62.8116**.

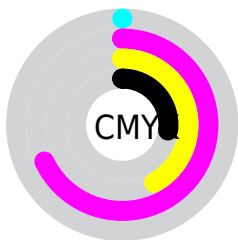
Distribution



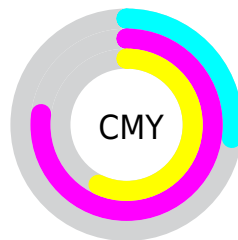
- Red (73%)
- Green (23%)
- Blue (43%)



- Red (73%)
- Yellow (23%)
- Blue (43%)



- Cyan (0%)
- Magenta (68%)
- Yellow (42%)
- Black (27%)



- Cyan (27%)
- Magenta (77%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YUV color 102.9720, 2.9718, 73.6926 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 102.9720, 2.9718, 73.6926 by changing the saturation by 10% instead.

 102.9720, 2.9718,
73.6926


 102.9720, 2.9718,
73.6926

255.0000, 0.0000,
0.0000

 72.7810, 6.0240,
74.7371


 159.5980, 0.1982,
76.6516

 45.6390, 8.0660,
73.1076


 180.9170, 2.9989,
64.9708


 34.4600, 2.7312,
57.4786

 200.5450, 7.1263,
47.7570

 24.1070, -2.0248,
42.8792

 220.7600, 10.9643,
30.0285

 13.9820, -5.9071,
28.0798

 239.1510, 7.8136,
13.8996

 0.0000, 0.0000,
0.0000

■ 102.9720, 2.9718,
73.6926

■ 102.9720, 2.9718,
73.6926

■ 90.5650, 3.6655,
84.5735

■ 115.3790, 2.2782,
62.8116

■ 78.6310, 3.6329,
95.0396

■ 127.3130, 2.3107,
52.3455

■ 66.2240, 4.3266,
105.9206

■ 139.7200, 1.6170,
41.4646

■ 64.2350, 4.3211,
107.6649

■ 152.2410, 1.3602,
30.4836

■ 164.0610, 0.9559,
20.1175

■ 176.4680, 0.2623,
9.2366

■ 188.9890, 0.0054,
-1.7444

■ 201.3960, -0.6882,

-12.6253

■ 213.3300, -0.6557,
-23.0914

Harmonies

Analogous

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



108.8450, 22.2614, 46.6169



102.9720, 2.9718, 73.6926



102.2390, -18.8518, 73.4584

Triad

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



102.9720, 2.9718, 73.6926



95.4510, -41.1413, -10.9195



94.1060, 45.7967, -82.5310

Complementary

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



102.9720, 2.9718, 73.6926



143.0280, -2.9718, -73.6926

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.



92.5780, 29.7880, -81.1909



102.9720, 2.9718, 73.6926



80.1010, -10.4028, -70.2486

Square

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



102.9720, 2.9718, 73.6926



100.2060, -49.4016, 25.2523



87.2200, 9.2585, -76.4919



89.1310, 54.6584, -78.1679

Rectangle

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



102.9720, 2.9718, 73.6926



102.7910, -32.9280, 61.5733



87.2200, 9.2585, -76.4919



94.2540, 41.2868, -82.6608

Sweetspot

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



102.9720, 2.9718, 73.6926



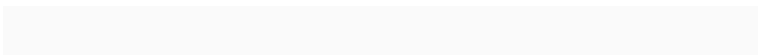
208.5290, 1.2182, 29.3541



96.6150, 44.5598, 34.5406



102.3380, 0.8194, 17.2436



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.



102.9720, 2.9718, 73.6926



111.9800, 4.4469, 114.0275



104.9030, -22.6302, 71.9991



88.1470, 0.4205, 5.1331



54.3100, 3.7912, 90.9361



10.6370, 0.6720, 17.8584

Inverse Universe

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



102.9720, 2.9718, 73.6926



111.9800, 4.4469, 114.0275



141.0970, 22.6302, -71.9991



88.1470, 0.4205, 5.1331



54.3100, 3.7912, 90.9361



10.6370, 0.6720, 17.8584

Previews

White Background



This preview shows how the YUV color 102.9720, 2.9718, 73.6926 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 102.9720, 2.9718, 73.6926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

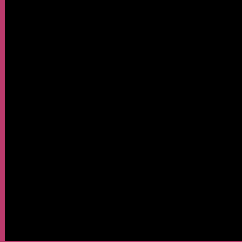
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.9720, 2.9718, 73.6926

Background



This preview shows how black text looks on a background with the YUV color 102.9720, 2.9718, 73.6926.



This preview shows how white text looks on a background with the YUV color 102.9720, 2.9718,

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

102.9720, 2.9718, 73.6926

Protanopia

108.4410, 14.5726, -7.4028

Deuteranopia

108.9690, -2.9427, 10.5512



Tritanopia

103.4390, -15.4994, 71.5290

Trichromacy



Original Color

102.9720, 2.9718, 73.6926

Protanomaly

106.7760, 9.9704, 22.1214

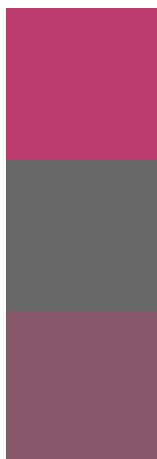
Deuteranomaly

106.9810, -0.9766, 33.3427

Tritanomaly

103.4590, -9.1003, 72.3885

Monochromacy



Original Color

102.9720, 2.9718, 73.6926

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.1050, 0.9342, 27.0949

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.9720, 2.9718, 73.6926 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, 59, 109)` looks like.

```
.text, #text, p{  
    color:rgb(187, 59, 109)  
}
```

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, 59, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 59, 109) }
```

Border

The CSS property to change the border of an element to YUV 102.9720, 2.9718, 73.6926 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, 59, 109) }
```


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

```
.border{ border-color:rgb(187, 59, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 59, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 59, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 59, 109); box-shadow:4px 4px 4px 4px rgb(187, 59, 109) }
```

Background

The CSS property to change the background color of an element to YUV 102.9720, 2.9718, 73.6926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 59, 109) }
```

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

```
.background{ background-color: rgb(187, 59,  
109) }
```

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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