

Converting Colors

YUV(103.5200, 25.3796,
73.2120)

Have a look what the booklet for
YUV(103.5200, 25.3796, 73.2120)
contains.

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Color

**YUV(103.5200, 25.3796,
73.2120)**

Conversions

Conversions Part 1

Format	Color
Hex	BB339B
RGB	187, 51, 155
RGB Percent	73%, 20%, 61%
CMY	0.2667, 0.8000, 0.3922
CMYK	0.00, 0.73, 0.17, 0.27
HSL	314°, 57%, 47%
HSV	314°, 73%, 73%
XYZ	27.5937, 15.2990, 32.5090
YIQ	103.5200, 47.6720, 61.1760

Conversions

Conversions Part 2

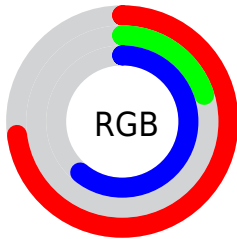
Format	Color
R _Y B	187, 51, 155
Decimal	12268443
CIE Lab	46.04, 63.66, -26.71
CIE LCh	46, 69.032, 337.241
Yxy	15.2990, 0.3660, 0.2029
Android (android.graphics.Color)	4290458523 (0xFFBB339B)
YUV	103.5200, 25.3796, 73.2120
Hunter-Lab	39.1139, 57.4771, -21.8983

Details

The YUV color **103.5200, 25.3796, 73.2120** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **134.4800, -25.3796, -73.2120**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.0640, 23.6324, 73.6119**, and **50.6120, 25.8273, 69.6233** is the 20% darker color. If you saturate the color by 10%, you get **91.9110, 29.1309, 83.3931**, and if you desaturate by 10%, it is **115.1290, 21.6284, 63.0309**.

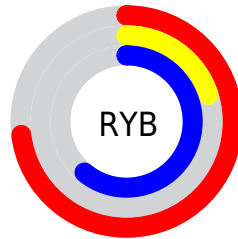
Distribution



Red (73%)

Green (20%)

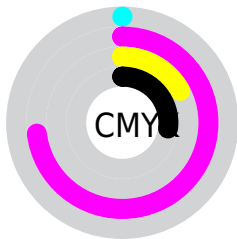
Blue (61%)



Red (73%)

Yellow (20%)

Blue (61%)

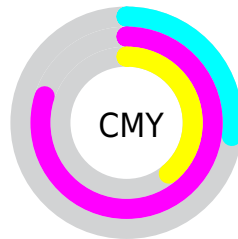


Cyan (0%)

Magenta (73%)

Yellow (17%)

Black (27%)



Cyan (27%)


Magenta (80%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.5200, 25.3796, 73.2120 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 103.5200, 25.3796, 73.2120 by changing the saturation by 10% instead.


 103.5200, 25.3796,
73.2120


 103.5200, 25.3796,
73.2120


255.0000, 0.0000,
0.0000


 66.6440, 30.7415,
80.1192


 162.0640, 23.6324,
73.6119


 50.6120, 25.8273,
69.6233

 184.3830, 26.4332,
61.9311


 39.5040, 19.4715,
54.8090


 202.7570, 25.7558,
45.8171

 28.8090, 13.4052,
40.5095

 219.7800, 17.3635,
30.8879

 18.5270, 7.6282,
26.7248

 236.8030, 8.9711,
15.9588

 2.5920, 2.1731,
2.9888

254.4130, 0.2894,

 0.0000, 0.0000,

0.5148

0.0000

■ 103.5200, 25.3796,
73.2120

■ 103.5200, 25.3796,
73.2120

■ 91.9110, 29.1309,
83.3931

■ 115.1290, 21.6284,
63.0309

■ 80.7750, 32.1559,
93.1593

■ 126.2650, 18.6034,
53.2646

■ 72.2150, 34.8970,
100.6664

■ 137.8740, 14.8521,
43.0835

■ 149.5970, 11.5377,
32.8024

■ 161.2060, 7.7864,
22.6213

■ 172.2280, 4.3246,
12.9550

■ 183.9510, 1.0102,
2.6740

■ 195.5600, -2.7411,
-7.5071

■ 206.6960, -5.7661,
-17.2734

Harmonies

Analogous

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



110.8850, 44.9197, 12.3789



103.5200, 25.3796, 73.2120



91.2730, 3.3164, 103.2466

Triad

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



103.5200, 25.3796, 73.2120



101.0370, -49.8112, 16.6306



98.3630, 39.2610, -86.2644

Complementary

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



103.5200, 25.3796, 73.2120



134.4800, -25.3796, -73.2120

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.



92.5660, 14.5110, -81.1804



103.5200, 25.3796, 73.2120



89.2330, -43.9919, -30.0223

Square

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



103.5200, 25.3796, 73.2120



102.1760, -50.3728, 56.8506



83.8510, -11.2655, -73.5373



99.1730, 57.5957, -86.9747

Rectangle

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



103.5200, 25.3796, 73.2120



95.1370, -17.3225, 96.3499



83.8510, -11.2655, -73.5373



97.0120, 31.5461, -85.0795

Sweetspot

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



103.5200, 25.3796, 73.2120



209.5210, 10.0961, 28.4841



76.0720, 54.6875, 6.0759



103.0050, 5.9135, 16.6586



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.



103.5200, 25.3796, 73.2120



112.5570, 39.6584, 113.5215



95.7680, -4.3226, 80.0105



88.4890, 1.7309, 4.8331



61.0360, 29.5623, 85.0374



11.8910, 5.4767, 16.7586

Inverse Universe

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



103.5200, 25.3796, 73.2120



112.5570, 39.6584, 113.5215



142.2320, 4.3226, -80.0105



88.4890, 1.7309, 4.8331



61.0360, 29.5623, 85.0374



11.8910, 5.4767, 16.7586

Previews

White Background



This preview shows how the YUV color 103.5200, 25.3796, 73.2120 looks on a white background.

Color Contrast Check

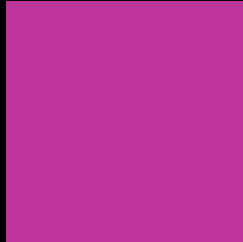
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.5200, 25.3796, 73.2120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

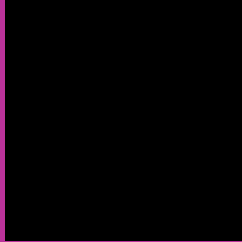
Any Text WCAG AA × Fail

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 103.5200, 25.3796, 73.2120 Background



This preview shows how black text looks on a background with the YUV color 103.5200, 25.3796, 73.2120.



This preview shows how white text looks on a background with the YUV color 103.5200, 25.3796,

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

103.5200, 25.3796, 73.2120

Protanopia

104.5600, 47.5449, -36.4481

Deuteranopia

110.0540, 18.2144, -8.8174



Tritanopia

106.9650, -13.2937, 64.0517

Trichromacy



Original Color

103.5200, 25.3796, 73.2120

Protanomaly

104.3370, 39.2739, 3.2125

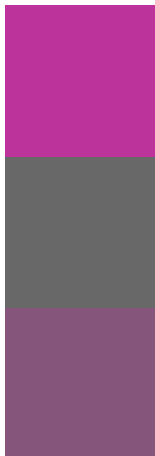
Deuteranomaly

107.6370, 20.8850, 21.3664

Tritanomaly

105.6570, 0.6621, 67.8298

Monochromacy



Original Color

103.5200, 25.3796, 73.2120

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.9830, 9.3754, 26.3249

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.5200, 25.3796, 73.2120 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, 51, 155)` looks like.

```
.text, #text, p{  
    color:rgb(187, 51, 155)  
}
```

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, 51, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 51, 155) }
```

Border

The CSS property to change the border of an element to YUV 103.5200, 25.3796, 73.2120 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, 51, 155) }
```


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

```
.border{ border-color:rgb(187, 51, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 51, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 51, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 51, 155);  
box-shadow:4px 4px 4px 4px rgb(187, 51,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 103.5200, 25.3796, 73.2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 51, 155) }
```

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

```
.background{ background-color: rgb(187, 51,  
155) }
```

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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