

Converting Colors

YUV(119.5240, 25.8707,
55.6685)

Have a look what the booklet for
YUV(119.5240, 25.8707, 55.6685)
contains.

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Color

**YUV(119.5240, 25.8707,
55.6685)**

Conversions

Conversions Part 1

Format	Color
Hex	B74DAC
RGB	183, 77, 172
RGB Percent	72%, 30%, 67%
CMY	0.2824, 0.6980, 0.3255
CMYK	0.00, 0.58, 0.06, 0.28
HSL	306°, 42%, 51%
HSV	306°, 58%, 72%
XYZ	29.6287, 18.3536, 41.0107
YIQ	119.5240, 32.6810, 52.0170

Conversions

Conversions Part 2

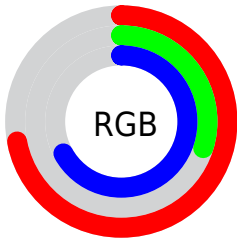
Format	Color
R_{YB}	183, 77, 172
Decimal	12012972
CIE _{Lab}	49.92, 54.87, -30.78
CIE _{LCh}	50, 62.916, 330.714
Yxy	18.3536, 0.3329, 0.2062
Android (android.graphics.Color)	4290203052 (0xFFB74DAC)
YUV	119.5240, 25.8707, 55.6685
Hunter-Lab	42.8411, 48.4779, -26.7681

Details

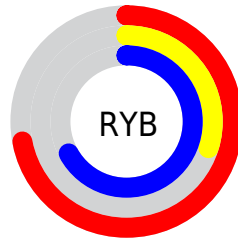
The YUV color **119.5240, 25.8707, 55.6685** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **140.4760, -25.8707, -55.6685**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.9480, 26.1546, 57.9276**, and **60.3440, 28.9174, 58.4573** is the 20% darker color. If you saturate the color by 10%, you get **108.7300, 30.2061, 65.1348**, and if you desaturate by 10%, it is **130.3180, 21.5352, 46.2021**.

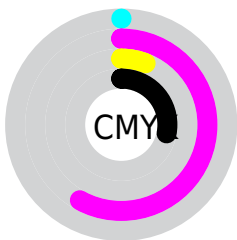
Distribution



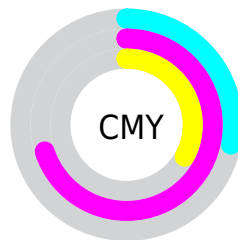
- Red (72%)
- Green (30%)
- Blue (67%)



- Red (72%)
- Yellow (30%)
- Blue (67%)



- Cyan (0%)
- Magenta (58%)
- Yellow (6%)
- Black (28%)





- Cyan (28%)
- Magenta (70%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.5240, 25.8707, 55.6685 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 119.5240, 25.8707, 55.6685 by changing the saturation by 10% instead.


 119.5240, 25.8707,
55.6685


 119.5240, 25.8707,
55.6685


255.0000, 0.0000,
0.0000


 91.6380, 26.3075,
55.5685


 174.9480, 26.1546,
57.9276


 60.3440, 28.9174,
58.4573


 198.6480, 27.7815,
49.4207


 40.6160, 26.3183,
52.0798


 215.0840, 19.6786,
35.0063

 30.1060, 19.6677,
38.4950

 232.1070, 11.2862,
20.0772

 20.7210, 13.4485,
26.5547

 249.1300, 2.8939,
5.1480

 7.1500, 9.2931,
6.0074

 0.0000, 0.0000,

0.0000

■ 119.5240, 25.8707,
55.6685

■ 119.5240, 25.8707,
55.6685

■ 108.7300, 30.2061,
65.1348

■ 130.3180, 21.5352,
46.2021

■ 97.3490, 34.8309,
75.1159

■ 141.6990, 16.9104,
36.2210

■ 86.5550, 39.1664,
84.5823

■ 152.4930, 12.5750,
26.7546

■ 75.7610, 43.5018,
94.0486

■ 163.2870, 8.2395,
17.2883

■ 73.4130, 44.6594,
96.1078

■ 174.5540, 3.1779,
7.4071

■ 185.3480, -1.1576,
-2.0592

■ 196.1420, -5.4930,
-11.5255

■ 206.9360, -9.8284,
-20.9919

■ 218.3170,
-14.4533, -30.9730

Harmonies

Analogous

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



120.1990, 45.2579, -2.8055



119.5240, 25.8707, 55.6685



111.4020, 4.2388, 87.3474

Triad

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



119.5240, 25.8707, 55.6685



111.1370, -54.7905, 27.0669



102.9620, 34.0357, -90.2977

Complementary

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



119.5240, 25.8707, 55.6685



140.4760, -25.8707, -55.6685

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.



97.3930, 10.1593, -85.4137



119.5240, 25.8707, 55.6685



103.2090, -50.8820, -13.3383

Square

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



119.5240, 25.8707, 55.6685



112.3060, -47.4789, 61.9986



88.7750, -12.7071, -77.8557



104.5870, 52.9546, -91.7228

Rectangle

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



119.5240, 25.8707, 55.6685



110.5320, -13.0803, 88.9874



88.7750, -12.7071, -77.8557



101.6110, 26.3208, -89.1128

Sweetspot

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



119.5240, 25.8707, 55.6685



213.0640, 9.8284, 20.9919



92.3730, 44.6791, -3.8351



105.5700, 5.6350, 12.6551



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



119.5240, 25.8707, 55.6685



137.6200, 40.6133, 87.1563



113.4820, 2.7204, 60.9673



86.6030, 2.1677, 4.7332



62.4900, 37.7194, 82.0083



11.2220, 6.7926, 14.7143

Inverse Universe

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



119.5240, 25.8707, 55.6685



137.6200, 40.6133, 87.1563



146.5180, -2.7204, -60.9673



86.6030, 2.1677, 4.7332



62.4900, 37.7194, 82.0083



11.2220, 6.7926, 14.7143

Previews

White Background



This preview shows how the YUV color 119.5240, 25.8707, 55.6685 looks on a white background.

Color Contrast Check

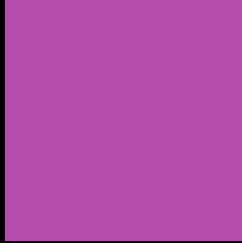
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.5240, 25.8707, 55.6685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

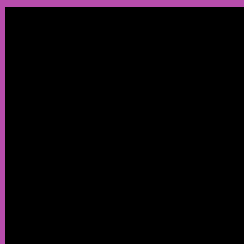
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.5240, 25.8707, 55.6685

Background



This preview shows how black text looks on a background with the YUV color 119.5240, 25.8707, 55.6685.



This preview shows how white text looks on a background with the YUV color 119.5240, 25.8707, 55.6685.

55.6685.

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

119.5240, 25.8707, 55.6685

Protanopia

115.4960, 44.6185, -31.1300

Deuteranopia

119.1720, 22.5932, -13.3058



Tritanopia

119.7180, -8.7350, 48.4823

Trichromacy



Original Color

119.5240, 25.8707, 55.6685

Protanomaly

116.9730, 37.9743, 0.0237

Deuteranomaly

119.3800, 23.9697, 11.9447

Tritanomaly

119.3560, 3.7685, 51.4308

Monochromacy



Original Color

119.5240, 25.8707, 55.6685

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.6510, 9.5391, 20.4771

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.5240, 25.8707, 55.6685 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(183, 77, 172)` looks like.

```
.text, #text, p{  
    color:rgb(183, 77, 172)  
}
```

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(183, 77, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 77, 172) }
```

Border

The CSS property to change the border of an element to YUV 119.5240, 25.8707, 55.6685 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(183, 77, 172) }
```


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

```
.border{ border-color:rgb(183, 77, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 77, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 77, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 77, 172);  
box-shadow:4px 4px 4px 4px rgb(183, 77,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 119.5240, 25.8707, 55.6685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 77, 172) }
```

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

```
.background{ background-color: rgb(183, 77,  
172) }
```

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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