

Converting Colors

YUV(118.0530, 40.3999,
62.2205)

Have a look what the booklet for
YUV(118.0530, 40.3999, 62.2205)
contains.

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Color

**YUV(118.0530, 40.3999,
62.2205)**

Conversions

Conversions Part 1

Format	Color
Hex	BD42C8
RGB	189, 66, 200
RGB Percent	74%, 26%, 78%
CMY	0.2588, 0.7412, 0.2157
CMYK	0.05, 0.67, 0.00, 0.22
HSL	295°, 55%, 52%
HSV	295°, 67%, 78%
XYZ	33.3598, 18.8854, 56.5306
YIQ	118.0530, 30.2940, 67.7500

Conversions

Conversions Part 2

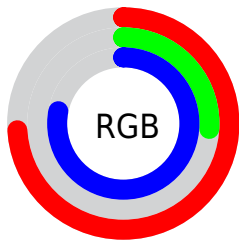
Format	Color
R_{YB}	189, 66, 200
Decimal	12403400
CIE _{Lab}	50.55, 65.83, -46.00
CIE _{LCh}	51, 80.308, 325.055
Yxy	18.8854, 0.3067, 0.1736
Android (android.graphics.Color)	4290593480 (0xFFBD42C8)
YUV	118.0530, 40.3999, 62.2205
Hunter-Lab	43.4573, 60.9744, -46.7061

Details

The YUV color **118.0530, 40.3999, 62.2205** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted purple. A complement of this color would be **147.9470, -40.3999, -62.2205**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.4230, 39.2315, 63.6500**, and **55.9980, 43.8780, 66.6538** is the 20% darker color. If you saturate the color by 10%, you get **105.7150, 46.4825, 71.2869**, and if you desaturate by 10%, it is **130.3910, 34.3172, 53.1541**.

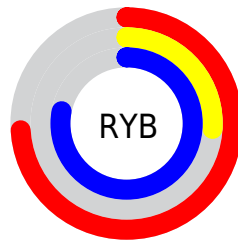
Distribution



Red (74%)

Green (26%)

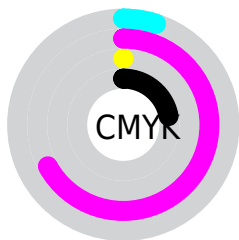
Blue (78%)



Red (74%)

Yellow (26%)

Blue (78%)

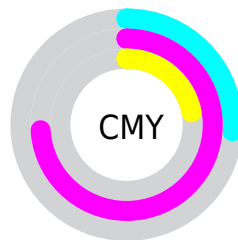


Cyan (5%)

Magenta (67%)

Yellow (0%)

Black (22%)



Cyan (26%)

Magenta (74%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.0530, 40.3999, 62.2205 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 118.0530, 40.3999, 62.2205 by changing the saturation by 10% instead.

■ 118.0530, 40.3999,
62.2205

■ 118.0530, 40.3999,
62.2205

■ 255.0000, 0.0000,
0.0000

■ 86.8190, 41.9942,
64.1797

■ 175.4230, 39.2315,
63.6500

■ 55.9980, 43.8780,
66.6538

■ 193.9520, 30.0967,
53.5391

■ 44.6620, 36.6486,
52.0394

■ 210.9750, 21.7043,
38.6099

■ 33.7390, 29.7087,
37.9399

■ 227.9980, 13.3120,
23.6808

■ 23.5280, 22.9107,
24.9699

■ 245.0210, 4.9196,
8.7516

■ 11.2240, 17.1446,
7.6966

■ 3.3230, 10.1938,

-2.9143

0.0000, 0.0000,
0.0000

118.0530, 40.3999,
62.2205

118.0530, 40.3999,
62.2205

105.7150, 46.4825,
71.2869

130.3910, 34.3172,
53.1541

93.6760, 52.4177,
80.9681

142.4300, 28.3820,
43.4729

81.3380, 58.5004,
90.0346

154.7680, 22.2994,
34.4065

77.8160, 60.2367,
93.1234

167.1060, 16.2167,
25.3400

179.1450, 10.2815,
15.6588

■ 191.4830, 4.1989,
6.5924

■ 203.5220, -1.7363,
-3.0888

■ 215.8600, -7.8190,
-12.1552

■ 228.1980,
-13.9016, -21.2216

Harmonies

Analogous

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



114.1750, 64.9897, -31.7255



118.0530, 40.3999, 62.2205



85.9320, 24.1905, 128.1016

Triad

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



118.0530, 40.3999, 62.2205



113.5620, -55.9861, 37.2181



107.6410, 34.1940, -94.4012

Complementary

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



118.0530, 40.3999, 62.2205



147.9470, -40.3999, -62.2205

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.



98.9600, 3.4707, -86.7879



118.0530, 40.3999, 62.2205



104.9810, -51.7556, -13.1383

Square

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



118.0530, 40.3999, 62.2205



108.8420, -53.6591, 84.3306



87.3610, -28.2790, -76.6156



111.6770, 59.8122, -97.9407

Rectangle

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



118.0530, 40.3999, 62.2205



85.7050, 1.6244, 132.6857



87.3610, -28.2790, -76.6156



105.0190, 24.1476, -92.1017

Sweetspot

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



118.0530, 40.3999, 62.2205



223.8670, 15.3486, 23.7956



87.7330, 55.3476, -19.0598



108.9060, 9.4133, 14.1144



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



118.0530, 40.3999, 62.2205



130.1690, 61.5417, 94.5678



114.9580, 14.3177, 74.5818



93.7170, 2.6045, 4.6332



63.4320, 49.0870, 75.9201



13.9710, 10.8603, 16.6884

Inverse Universe

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



107.3200, -14.9478, 81.2804



113.9340, -22.6455, 123.7149



151.0420, -14.3177, -74.5818



92.6910, -1.3267, 5.5330



50.2190, -18.3490, 98.9089



11.1060, -3.9963, 21.8320

Previews

White Background



This preview shows how the YUV color 118.0530, 40.3999, 62.2205 looks on a white background.

Color Contrast Check

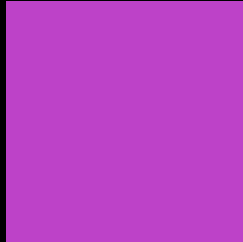
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 118.0530, 40.3999, 62.2205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

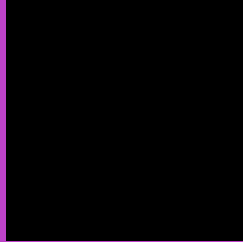
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.0530, 40.3999, 62.2205

Background



This preview shows how black text looks on a background with the YUV color 118.0530, 40.3999, 62.2205.



This preview shows how white text looks on a background with the YUV color 118.0530, 40.3999, 62.2205.

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

118.0530, 40.3999, 62.2205

Protanopia

96.3640, 74.7565, -84.5112

Deuteranopia

117.3190, 36.3247, -30.9748



Tritanopia

121.7180, -8.7350, 48.4823

Trichromacy



Original Color

118.0530, 40.3999, 62.2205



Protanomaly

104.4910, 62.3689, -31.1256



Deuteranomaly

117.5820, 37.6741, 2.9976



Tritanomaly

120.4470, 9.1466, 53.1050

Monochromacy



Original Color

118.0530, 40.3999, 62.2205



Achromatopsia

118.0000, 0.0000, 0.0000



Achromatomaly

118.0410, 14.7698, 22.7660

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.0530, 40.3999, 62.2205 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, 66, 200)` looks like.

```
.text, #text, p{  
    color:rgb(189, 66, 200)  
}
```

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, 66, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 66, 200) }
```

Border

The CSS property to change the border of an element to YUV 118.0530, 40.3999, 62.2205 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, 66, 200) }
```


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

```
.border{ border-color:rgb(189, 66, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 66, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 66, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 66, 200);  
box-shadow:4px 4px 4px 4px rgb(189, 66,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 118.0530, 40.3999, 62.2205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 66, 200) }
```

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

```
.background{ background-color: rgb(189, 66,  
200) }
```

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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