

Converting Colors

YUV(118.1590, 29.5016,
57.7426)

Have a look what the booklet for
YUV(118.1590, 29.5016, 57.7426)
contains.

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Color

**YUV(118.1590, 29.5016,
57.7426)**

Conversions

Conversions Part 1

Format	Color
Hex	B849B2
RGB	184, 73, 178
RGB Percent	72%, 29%, 70%
CMY	0.2784, 0.7137, 0.3020
CMYK	0.00, 0.60, 0.03, 0.28
HSL	303°, 44%, 50%
HSV	303°, 60%, 72%
XYZ	30.1856, 18.1698, 44.0356
YIQ	118.1590, 32.4510, 56.1870

Conversions

Conversions Part 2

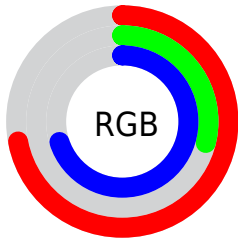
Format	Color
RYB	184, 73, 178
Decimal	12077490
CIELab	49.70, 57.94, -34.63
CIELCh	50, 67.495, 329.136
Yxy	18.1698, 0.3267, 0.1967
Android (android.graphics.Color)	4290267570 (0xFFB849B2)
YUV	118.1590, 29.5016, 57.7426
Hunter-Lab	42.6260, 51.8091, -31.4125

Details

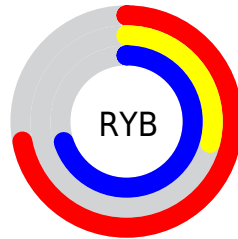
The YUV color **118.1590, 29.5016, 57.7426** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **138.8410, -29.5016, -57.7426**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.1700, 29.4962, 59.4869**, and **54.2830, 34.8635, 64.6498** is the 20% darker color. If you saturate the color by 10%, you get **107.4790, 34.2739, 67.1089**, and if you desaturate by 10%, it is **128.8390, 24.7294, 48.3762**.

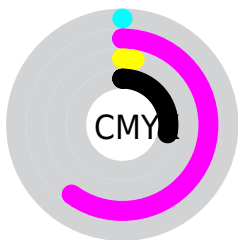
Distribution



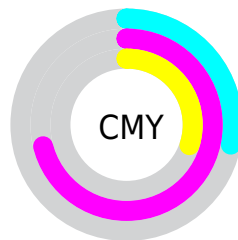
- Red (72%)
- Green (29%)
- Blue (70%)



- Red (72%)
- Yellow (29%)
- Blue (70%)



- Cyan (0%)
- Magenta (60%)
- Yellow (3%)
- Black (28%)



- Cyan (28%)
- Magenta (71%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.1590, 29.5016, 57.7426 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 118.1590, 29.5016, 57.7426 by changing the saturation by 10% instead.

■ 118.1590, 29.5016,
57.7426

■ 118.1590, 29.5016,
57.7426

■ 255.0000, 0.0000,
0.0000

■ 89.6860, 30.2278,
58.1574

■ 174.1700, 29.4962,
59.4869

■ 54.2830, 34.8635,
64.6498

■ 196.8870, 28.6497,
50.9651

■ 41.4850, 28.3549,
52.1947

■ 213.3230, 20.5468,
36.5507

■ 30.6760, 21.8517,
37.9951

■ 230.3460, 12.1544,
21.6216

■ 21.1770, 15.1957,
26.1548

■ 247.3690, 3.7621,
6.6924

■ 7.9050, 10.8928,
6.2223

■ 0.0000, 0.0000,

0.0000

■ 118.1590, 29.5016,
57.7426

■ 118.1590, 29.5016,
57.7426

■ 107.4790, 34.2739,
67.1089

■ 128.8390, 24.7294,
48.3762

■ 96.2120, 39.3355,
76.9901

■ 140.1060, 19.6677,
38.4950

■ 85.5320, 44.1077,
86.3564

■ 150.7860, 14.8955,
29.1287

■ 74.8520, 48.8800,
95.7228

■ 162.0530, 9.8339,
19.2475

■ 172.7330, 5.0616,
9.8812

■ 183.4130, 0.2894,
0.5148

■ 194.6800, -4.7722,
-9.3664

■ 205.3600, -9.5445,
-18.7327

■ 216.6270,
-14.6061, -28.6139

Harmonies

Analogous

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



118.6050, 49.4947, -8.4236



118.1590, 29.5016, 57.7426



107.5430, 7.1273, 94.2398

Triad

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



118.1590, 29.5016, 57.7426



110.5610, -54.5066, 29.3260



103.6630, 34.1831, -90.9125

Complementary

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



118.1590, 29.5016, 57.7426



138.8410, -29.5016, -57.7426

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.



97.0510, 8.8489, -85.1137



118.1590, 29.5016, 57.7426



102.9100, -50.7346, -13.9531

Square

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



118.1590, 29.5016, 57.7426



109.9710, -52.7367, 68.4314



87.8630, -16.2015, -77.0559



105.7440, 54.8492, -92.7375

Rectangle

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



118.1590, 29.5016, 57.7426



106.4560, -11.0708, 97.8241



87.8630, -16.2015, -77.0559



102.0840, 25.5946, -89.5277

Sweetspot

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



118.1590, 29.5016, 57.7426



214.4170, 11.1334, 22.4363



87.4480, 47.6001, -7.4089



103.9230, 6.9400, 14.0995



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.



118.1590, 29.5016, 57.7426



137.3090, 45.6967, 90.0600



111.8890, 5.4777, 63.2413



86.6030, 2.1677, 4.7332



63.4020, 41.2138, 81.2084



11.4500, 7.6662, 14.5144

Inverse Universe

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



118.1590, 29.5016, 57.7426



137.3090, 45.6967, 90.0600



145.1110, -5.4777, -63.2413



86.6030, 2.1677, 4.7332



63.4020, 41.2138, 81.2084



11.4500, 7.6662, 14.5144

Previews

White Background



This preview shows how the YUV color 118.1590, 29.5016, 57.7426 looks on a white background.

Color Contrast Check

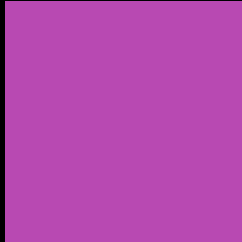
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.1590, 29.5016, 57.7426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

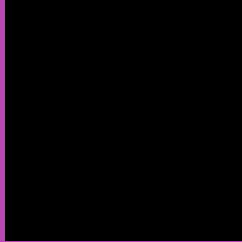
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.1590, 29.5016, 57.7426

Background



This preview shows how black text looks on a background with the YUV color 118.1590, 29.5016, 57.7426.



This preview shows how white text looks on a background with the YUV color 118.1590, 29.5016,

57.7426.

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

118.1590, 29.5016, 57.7426

Protanopia

112.7600, 50.8973, -38.3775

Deuteranopia

118.3610, 25.9510, -16.9796



Tritanopia

119.0170, -8.8824, 49.0971

Trichromacy



Original Color

118.1590, 29.5016, 57.7426

Protanomaly

114.9170, 42.9319, -3.4352

Deuteranomaly

118.5800, 27.3221, 10.0153

Tritanomaly

118.4100, 5.2209, 52.2604

Monochromacy



Original Color

118.1590, 29.5016, 57.7426

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.2920, 10.7020, 20.7919

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.1590, 29.5016, 57.7426 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(184, 73, 178)` looks like.

```
.text, #text, p{  
    color:rgb(184, 73, 178)  
}
```

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(184, 73, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 73, 178) }
```

Border

The CSS property to change the border of an element to YUV 118.1590, 29.5016, 57.7426 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(184, 73, 178) }
```


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

```
.border{ border-color:rgb(184, 73, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 73, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 73, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 73, 178);  
box-shadow:4px 4px 4px 4px rgb(184, 73,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 118.1590, 29.5016, 57.7426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 73, 178) }
```

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

```
.background{ background-color: rgb(184, 73,  
178) }
```

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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