

Converting Colors

YUV(118.4730, 29.8398,
42.5582)

Have a look what the booklet for
YUV(118.4730, 29.8398, 42.5582)
contains.

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Color

**YUV(118.4730, 29.8398,
42.5582)**

Conversions

Conversions Part 1

Format	Color
Hex	A752B3
RGB	167, 82, 179
RGB Percent	65%, 32%, 70%
CMY	0.3451, 0.6784, 0.2980
CMYK	0.07, 0.54, 0.00, 0.30
HSL	293°, 39%, 51%
HSV	293°, 54%, 70%
XYZ	27.0903, 17.5047, 44.5988
YIQ	118.4730, 19.5230, 48.1870

Conversions

Conversions Part 2

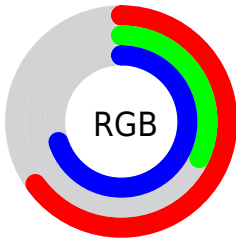
Format	Color
R _Y B	167, 82, 179
Decimal	10965683
CIE Lab	48.89, 49.35, -36.65
CIE LCh	49, 61.474, 323.400
Yxy	17.5047, 0.3037, 0.1963
Android (android.graphics.Color)	4289155763 (0xFFA752B3)
YUV	118.4730, 29.8398, 42.5582
Hunter-Lab	41.8387, 42.3601, -33.9143

Details

The YUV color **118.4730, 29.8398, 42.5582** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **142.5270, -29.8398, -42.5582**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.0110, 30.5606, 44.7174**, and **64.2880, 30.4240, 41.8434** is the 20% darker color. If you saturate the color by 10%, you get **107.3090, 35.3437, 50.5950**, and if you desaturate by 10%, it is **129.6370, 24.3360, 34.5214**.

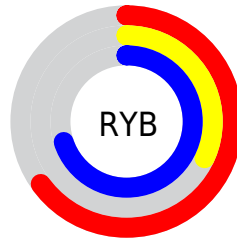
Distribution



Red (65%)

Green (32%)

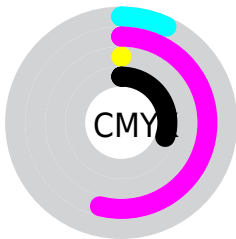
Blue (70%)



Red (65%)

Yellow (32%)

Blue (70%)

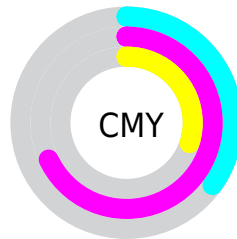


Cyan (7%)

Magenta (54%)

Yellow (0%)

Black (30%)



Cyan (35%)

Magenta (68%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.4730, 29.8398, 42.5582 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 118.4730, 29.8398, 42.5582 by changing the saturation by 10% instead.

118.4730, 29.8398,
42.5582

118.4730, 29.8398,
42.5582

255.0000, 0.0000,
0.0000

91.7610, 29.6978,
41.4286

173.0110, 30.5606,
44.7174

64.2880, 30.4240,
41.8434

199.8110, 27.2082,
46.6468

37.1140, 31.0028,
42.8730

216.8450, 18.8104,
33.4619

26.6040, 24.3522,
29.2883

233.8680, 10.4181,
18.5328

17.4040, 17.5488,
18.0627

250.8910, 2.0257,
3.6036

4.0070, 12.8145,
-3.5141

0.1140, 0.4368,

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 118.4730, 29.8398,
42.5582

■ 118.4730, 29.8398,
42.5582

■ 107.3090, 35.3437,
50.5950

■ 129.6370, 24.3360,
34.5214

■ 96.1450, 40.8475,
58.6318

■ 140.8010, 18.8321,
26.4845

■ 84.6820, 46.4988,
66.0539

■ 152.2640, 13.1808,
19.0625

■ 73.5180, 52.0026,
74.0907

■ 163.4280, 7.6770,
11.0256

■ 67.3490, 55.0439,
78.6239

■ 174.5920, 2.1731,
2.9888

■ 185.1690, -3.0413,
-4.5332

■ 196.6320, -8.6926,
-11.9553

■ 207.7960,
-14.1964, -19.9921

■ 218.9600,
-19.7003, -28.0289

Harmonies

Analogous

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



113.7020, 48.9539, -21.6637



118.4730, 29.8398, 42.5582



111.0250, 9.3547, 79.7851

Triad

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



118.4730, 29.8398, 42.5582



109.4200, -53.9441, 35.5887



99.9640, 27.6257, -87.6684

Complementary

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



118.4730, 29.8398, 42.5582



142.5270, -29.8398, -42.5582

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.



93.3350, 4.7648, -81.8548



118.4730, 29.8398, 42.5582



103.5740, -51.0620, -2.2574

Square

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



118.4730, 29.8398, 42.5582



110.9890, -39.9276, 66.6616



87.8210, -19.1388, -68.2490



102.5180, 47.5656, -89.9083

Rectangle

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



118.4730, 29.8398, 42.5582



108.2420, -6.5283, 87.4878



87.8210, -19.1388, -68.2490



98.0260, 20.2002, -85.9688

Sweetspot

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



118.4730, 29.8398, 42.5582



208.7860, 11.4445, 15.9737



100.6890, 38.6073, -16.3903



103.4880, 6.6614, 10.0960



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



118.4730, 29.8398, 42.5582



137.6820, 46.4988, 66.0539



117.9570, 12.3462, 53.5347



83.4180, 2.7519, 4.0184



57.5080, 47.0776, 67.0835



9.5420, 8.1138, 10.9257

Inverse Universe

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



112.3710, -9.0569, 58.4336



128.3150, -13.9593, 90.9317



143.0430, -12.3462, -53.5347



82.8050, -0.8899, 5.4330



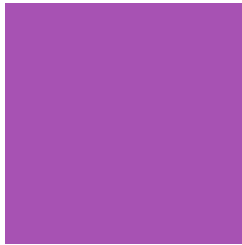
47.9130, -14.2541, 92.1613



8.1160, -2.5222, 15.6843

Previews

White Background



This preview shows how the YUV color 118.4730, 29.8398, 42.5582 looks on a white background.

Color Contrast Check

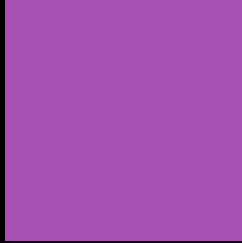
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.4730, 29.8398, 42.5582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

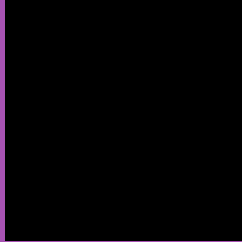
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.4730, 29.8398, 42.5582

Background



This preview shows how black text looks on a background with the YUV color 118.4730, 29.8398, 42.5582.



This preview shows how white text looks on a background with the YUV color 118.4730, 29.8398,

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

118.4730, 29.8398, 42.5582

Protanopia

112.1580, 47.2501, -35.2186

Deuteranopia

115.3220, 28.4353, -20.4534



Tritanopia

118.2540, -5.0552, 34.8572

Trichromacy



Original Color

118.4730, 29.8398, 42.5582



Protanomaly

114.3250, 40.7588, -6.4240



Deuteranomaly

116.5790, 28.8016, 2.1232



Tritanomaly

118.0060, 7.8850, 37.7057

Monochromacy



Original Color

118.4730, 29.8398, 42.5582



Achromatopsia

118.0000, 0.0000, 0.0000



Achromatomaly

118.2590, 10.7183, 15.5589

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.4730, 29.8398, 42.5582 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(167, 82, 179)` looks like.

```
.text, #text, p{  
    color:rgb(167, 82, 179)  
}
```

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(167, 82, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 82, 179) }
```

Border

The CSS property to change the border of an element to YUV 118.4730, 29.8398, 42.5582 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(167, 82, 179) }
```


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

```
.border{ border-color:rgb(167, 82, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 82, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 82, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 82, 179);  
box-shadow:4px 4px 4px 4px rgb(167, 82,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 118.4730, 29.8398, 42.5582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 82, 179) }
```

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

```
.background{ background-color: rgb(167, 82,  
179) }
```

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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