

Converting Colors

YUV(118.4970, 29.8280,
-0.4359)

Have a look what the booklet for
YUV(118.4970, 29.8280, -0.4359)
contains.

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Color

**YUV(118.4970, 29.8280,
-0.4359)**

Conversions

Conversions Part 1

Format	Color
Hex	766BB3
RGB	118, 107, 179
RGB Percent	46%, 42%, 70%
CMY	0.5373, 0.5804, 0.2980
CMYK	0.34, 0.40, 0.00, 0.30
HSL	249°, 32%, 56%
HSV	249°, 40%, 70%
XYZ	20.8656, 17.6216, 44.9494
YIQ	118.4970, -16.5560, 24.7240

Conversions

Conversions Part 2

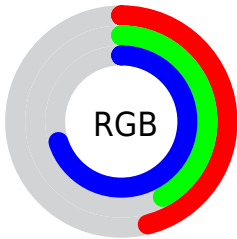
Format	Color
R_{YB}	118, 107, 179
Decimal	7760819
CIE _{Lab}	49.03, 21.31, -36.79
CIE _{LCh}	49, 42.516, 300.075
Yxy	17.6216, 0.2501, 0.2112
Android (android.graphics.Color)	4285950899 (0xFF766BB3)
YUV	118.4970, 29.8280, -0.4359
Hunter-Lab	41.9781, 15.2633, -34.1020

Details

The YUV color **118.4970, 29.8280, -0.4359** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **167.5030, -29.8280, 0.4359**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.9640, 31.5697, 0.9086**, and **69.3180, 27.9442, -2.9099** is the 20% darker color. If you saturate the color by 10%, you get **103.4460, 37.2481, -0.3911**, and if you desaturate by 10%, it is **133.5480, 22.4078, -0.4806**.

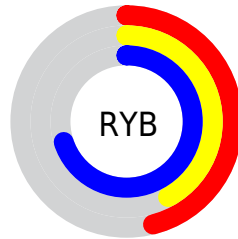
Distribution



Red (46%)

Green (42%)

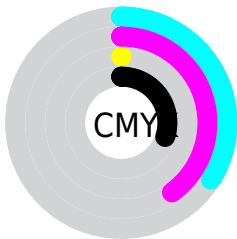
Blue (70%)



Red (46%)

Yellow (42%)

Blue (70%)

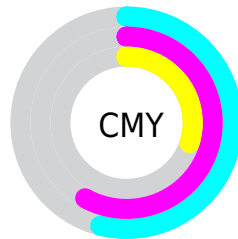


Cyan (34%)

Magenta (40%)

Yellow (0%)

Black (30%)



Cyan (54%)

Magenta (58%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.4970, 29.8280, -0.4359 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 118.4970, 29.8280, -0.4359 by changing the saturation by 10% instead.

■ 118.4970, 29.8280,
-0.4359

■ 118.4970, 29.8280,
-0.4359

■ 255.0000, 0.0000,
0.0000

■ 93.5570, 28.8124,
-1.3655

■ 170.9640, 31.5697,
0.9086

■ 69.3180, 27.9442,
-2.9099

■ 197.4650, 28.3648,
2.2232

■ 45.6660, 26.7867,
-4.9691

■ 222.5720, 15.9870,
5.6374

■ 22.2200, 26.5135,
-10.7169

■ 247.3690, 3.7621,
6.6924

■ 6.0420, 23.1503,
-5.2988

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,

-0.2000

■ 0.0000, 0.0000,
0.0000

■ 118.4970, 29.8280,
-0.4359

■ 118.4970, 29.8280,
-0.4359

■ 103.4460, 37.2481,
-0.3911

■ 133.5480, 22.4078,
-0.4806

■ 88.3950, 44.6683,
-0.3464

■ 148.5990, 14.9877,
-0.5253

■ 73.3440, 52.0884,
-0.3017

■ 163.6500, 7.5676,
-0.5700

■ 57.9940, 59.6560,
-0.8717

■ 179.0000, 0.0000,
0.0000

■ 43.5300, 66.7867,
-1.3418

■ 193.4640, -7.1308,
0.4701

■ 28.4790, 74.2069,
-1.2971

■ 208.5150,
-14.5509, 0.4253

■ 223.5660,
-21.9710, 0.3806

■ 238.6170,
-29.3912, 0.3359

■ 246.0370,
-33.0492, 6.9836

Harmonies

Analogous

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



103.8320, 41.4948, -55.9807



118.4970, 29.8280, -0.4359



120.1720, 16.1842, 35.8062

Triad

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



118.4970, 29.8280, -0.4359



114.7780, -29.9636, 44.0447



91.7680, 11.4534, -80.4805

Complementary

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



118.4970, 29.8280, -0.4359



167.5030, -29.8280, 0.4359

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.



101.4510, -11.0683, -43.3685



118.4970, 29.8280, -0.4359



113.1420, -35.5660, 20.9235

Square

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



118.4970, 29.8280, -0.4359



115.7100, -16.6190, 57.2593



109.0890, -28.6379, -7.9711



95.9860, 27.6149, -84.1797

Rectangle

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



118.4970, 29.8280, -0.4359



118.2250, 5.8051, 51.5457



109.0890, -28.6379, -7.9711



90.4000, 6.2118, -79.2808

Sweetspot

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



118.4970, 29.8280, -0.4359



208.3880, 11.6407, -0.3403



151.0150, 13.7966, -38.6012



103.4220, 6.6940, -0.3701



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.



118.4970, 29.8280, -0.4359



138.7370, 45.9787, -0.6463



129.2610, 24.5213, 21.6961



81.6240, 3.6364, 0.3298



24.3190, 63.4397, -1.1568



4.1600, 10.7671, -0.1403

Inverse Universe

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



135.4820, 16.0314, 38.1653



164.9050, 24.6968, 58.8423



156.7390, -24.5213, -21.6961



83.6030, 2.1677, 4.7332



60.5670, 34.2305, 81.0637



10.2820, 5.7770, 13.7847

Previews

White Background



This preview shows how the YUV color 118.4970, 29.8280, -0.4359 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 118.4970, 29.8280, -0.4359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

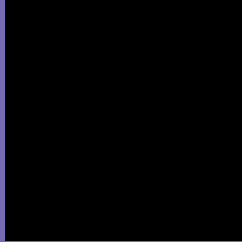
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.4970, 29.8280, -0.4359

Background



This preview shows how black text looks on a background with the YUV color 118.4970, 29.8280, -0.4359.



This preview shows how white text looks on a background with the YUV color 118.4970, 29.8280, -0.4359.

-0.4359.

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

118.4970, 29.8280, -0.4359

Protanopia

114.6190, 34.6978, -22.4679

Deuteranopia

114.2830, 30.9195, -23.9272



Tritanopia

115.7370, 5.5527, -7.6623

Trichromacy



Original Color

118.4970, 29.8280, -0.4359

Protanomaly

115.9190, 33.0709, -13.9610

Deuteranomaly

115.9250, 30.6030, -15.7202

Tritanomaly

116.7510, 14.4198, -5.0436

Monochromacy



Original Color

118.4970, 29.8280, -0.4359

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.1600, 10.7671, -0.1403

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.4970, 29.8280, -0.4359 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(118, 107, 179)` looks like.

```
.text, #text, p{  
    color:rgb(118, 107, 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(118, 107, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 107, 179) }
```

Border

The CSS property to change the border of an element to YUV 118.4970, 29.8280, -0.4359 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(118, 107, 179) }
```


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

```
.border{ border-color:rgb(118, 107, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 107, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 107, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 107, 179);  
box-shadow:4px 4px 4px 4px rgb(118, 107,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 118.4970, 29.8280, -0.4359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 107, 179) }
```

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

```
.background{ background-color: rgb(118,  
107, 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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