

Converting Colors

YUV(118.8410, 24.7284, 1.8934)

Have a look what the booklet for
YUV(118.8410, 24.7284, 1.8934)
contains.

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Color

**YUV(118.8410, 24.7284,
1.8934)**

Conversions

Conversions Part 1

Format	Color
Hex	796CA9
RGB	121, 108, 169
RGB Percent	47%, 42%, 66%
CMY	0.5255, 0.5765, 0.3373
CMYK	0.28, 0.36, 0.00, 0.34
HSL	253°, 26%, 54%
HSV	253°, 36%, 66%
XYZ	20.4092, 17.6546, 39.8681
YIQ	118.8410, -11.8330, 21.7270

Conversions

Conversions Part 2

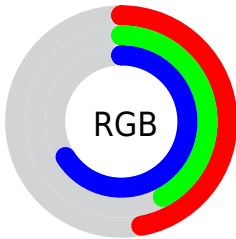
Format	Color
R_{YB}	121, 108, 169
Decimal	7957673
CIE _{Lab}	49.07, 18.92, -30.88
CIE _{LCh}	49, 36.217, 301.486
Yxy	17.6546, 0.2619, 0.2265
Android (android.graphics.Color)	4286147753 (0xFF796CA9)
YUV	118.8410, 24.7284, 1.8934
Hunter-Lab	42.0174, 13.1724, -26.8450

Details

The YUV color **118.8410, 24.7284, 1.8934** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **158.1590, -24.7284, -1.8934**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.8950, 26.1808, 2.7231**, and **69.4880, 23.4234, 0.4490** is the 20% darker color. If you saturate the color by 10%, you get **104.9750, 31.5643, 2.6529**, and if you desaturate by 10%, it is **132.7070, 17.8924, 1.1340**.

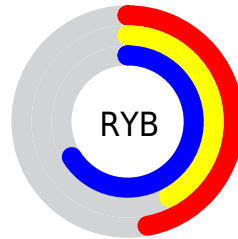
Distribution



Red (47%)

Green (42%)

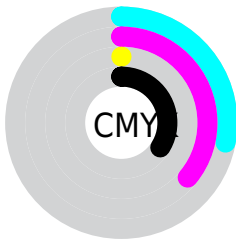
Blue (66%)



Red (47%)

Yellow (42%)

Blue (66%)

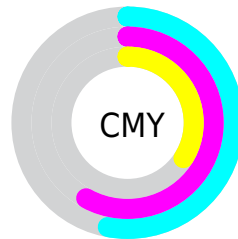


Cyan (28%)

Magenta (36%)

Yellow (0%)

Black (34%)



Cyan (53%)

Magenta (58%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.8410, 24.7284, 1.8934 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 118.8410, 24.7284, 1.8934 by changing the saturation by 10% instead.

■ 118.8410, 24.7284,
1.8934

■ 118.8410, 24.7284,
1.8934

■ 255.0000, 0.0000,
0.0000

■ 93.9010, 23.7128,
0.9638

■ 171.8950, 26.1808,
2.7231

■ 69.4880, 23.4234,
0.4490

■ 199.0090, 26.6176,
2.6231

■ 47.1350, 22.1184,
-0.9954

■ 223.7570, 15.4028,
6.3521

■ 24.5970, 21.3977,
-3.1546

■ 247.9560, 3.4727,
6.1776

■ 5.1300, 19.6559,
-4.4990

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,

0.0000

■ 118.8410, 24.7284,
1.8934

■ 118.8410, 24.7284,
1.8934

■ 104.9750, 31.5643,
2.6529

■ 132.7070, 17.8924,
1.1340

■ 90.8100, 38.5477,
2.7976

■ 146.8720, 10.9091,
0.9893

■ 76.9440, 45.3836,
3.5571

■ 160.7380, 4.0732,
0.2298

■ 63.0780, 52.2195,
4.3166

■ 174.6040, -2.7628,
-0.5297

■ 49.2120, 59.0555,
5.0761

■ 187.8830, -9.3093,
-0.7744

■ 35.6340, 65.7494,
4.7060

■ 202.0480,
-16.2927, -0.9191

■ 30.0300, 68.5122,
5.2357

■ 215.9140,
-23.1286, -1.6786

■ 229.7800,
-29.9645, -2.4381

■ 241.0100,
-35.5009, -0.0088

Harmonies

Analogous

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



110.1780, 33.4362, -37.8671



118.8410, 24.7284, 1.8934



120.2270, 12.7061, 31.3729

Triad

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



118.8410, 24.7284, 1.8934



115.4720, -25.8687, 37.2971



90.8220, 12.9058, -79.6509

Complementary

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



118.8410, 24.7284, 1.8934



158.1590, -24.7284, -1.8934

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.



104.9510, -9.3428, -36.7910



118.8410, 24.7284, 1.8934



113.7270, -29.4454, 17.7794

Square

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



118.8410, 24.7284, 1.8934



117.2960, -15.4289, 48.8524



110.3540, -23.8385, -7.3265



94.3560, 26.4465, -82.7502

Rectangle

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



118.8410, 24.7284, 1.8934



119.0130, 3.9376, 43.8386



110.3540, -23.8385, -7.3265



95.6620, 5.5896, -66.3556

Sweetspot

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



118.8410, 24.7284, 1.8934



199.2310, 9.7461, 0.6744



143.7170, 12.4645, -31.3238



97.6070, 6.1097, 0.3447



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



118.8410, 24.7284, 1.8934



141.6960, 38.1109, 2.8976



127.8110, 20.3062, 20.3368



77.5100, 3.1996, 0.4297



26.4400, 59.9291, 4.8761



3.4760, 8.1463, 0.4595

Inverse Universe

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



131.7110, 11.9745, 32.7025



161.5420, 18.4668, 50.3907



149.1890, -20.3062, -20.3368



79.0760, 1.4415, 4.3183



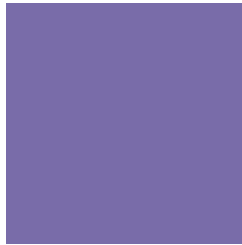
57.4760, 28.8523, 79.3895



7.8040, 4.0406, 10.6959

Previews

White Background



This preview shows how the YUV color 118.8410, 24.7284, 1.8934 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 118.8410, 24.7284, 1.8934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

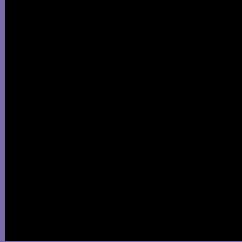
Any Text WCAG AA ✓ Pass

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 118.8410, 24.7284, 1.8934 Background



This preview shows how black text looks on a background with the YUV color 118.8410, 24.7284, 1.8934.



This preview shows how white text looks on a background with the YUV color 118.8410, 24.7284, 1.8934.

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

118.8410, 24.7284, 1.8934

Protanopia

116.0450, 28.5718, -17.5795

Deuteranopia

116.1330, 25.0774, -16.7796



Tritanopia

116.8300, 4.5208, -3.3589

Trichromacy



Original Color

118.8410, 24.7284, 1.8934

Protanomaly

116.7470, 27.2397, -10.3021

Deuteranomaly

117.1770, 25.0557, -9.8022

Tritanomaly

117.7900, 11.9355, -1.5698

Monochromacy



Original Color

118.8410, 24.7284, 1.8934

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.0030, 8.8725, 0.8744

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.8410, 24.7284, 1.8934 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(121, 108, 169)` looks like.

```
.text, #text, p{  
    color:rgb(121, 108, 169)  
}
```

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(121, 108, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 108, 169) }
```

Border

The CSS property to change the border of an element to YUV 118.8410, 24.7284, 1.8934 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(121, 108, 169) }
```


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

```
.border{ border-color:rgb(121, 108, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 108, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 108, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 108, 169);  
box-shadow:4px 4px 4px 4px rgb(121, 108,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 118.8410, 24.7284, 1.8934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 108, 169) }
```

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

```
.background{ background-color: rgb(121,  
108, 169) }
```

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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