

Converting Colors

YUV(118.0430, 48.7858,
32.4113)

Have a look what the booklet for
YUV(118.0430, 48.7858, 32.4113)
contains.

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Color

**YUV(118.0430, 48.7858,
32.4113)**

Conversions

Conversions Part 1

Format	Color
Hex	9B50D9
RGB	155, 80, 217
RGB Percent	61%, 31%, 85%
CMY	0.3922, 0.6863, 0.1490
CMYK	0.29, 0.63, 0.00, 0.15
HSL	273°, 64%, 58%
HSV	273°, 63%, 85%
XYZ	28.9106, 17.7156, 67.5413
YIQ	118.0430, 0.7230, 58.5070

Conversions

Conversions Part 2

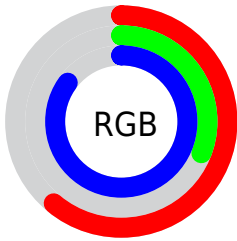
Format	Color
R _{YB}	155, 80, 217
Decimal	10178777
CIE _{Lab}	49.15, 55.44, -58.24
CIE _{LCh}	49, 80.413, 313.590
Yxy	17.7156, 0.2532, 0.1552
Android (android.graphics.Color)	4288368857 (0xFF9B50D9)
YUV	118.0430, 48.7858, 32.4113
Hunter-Lab	42.0899, 48.9501, -65.6791

Details

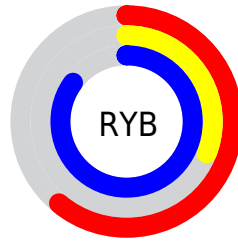
The YUV color **118.0430, 48.7858, 32.4113** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **178.9570, -48.7858, -32.4113**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.8280, 41.4968, 36.9848**, and **62.6300, 48.4964, 31.8965** is the 20% darker color. If you saturate the color by 10%, you get **102.1390, 56.6265, 37.5891**, and if you desaturate by 10%, it is **133.9470, 40.9451, 27.2335**.

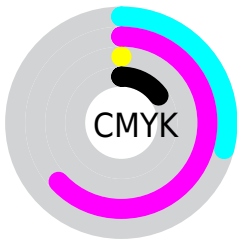
Distribution



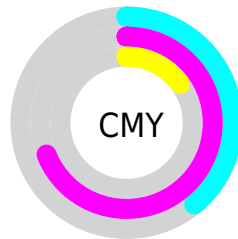
- Red (61%)
- Green (31%)
- Blue (85%)



- Red (61%)
- Yellow (31%)
- Blue (85%)



- Cyan (29%)
- Magenta (63%)
- Yellow (0%)
- Black (15%)



- Cyan (39%)
- Magenta (69%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.0430, 48.7858, 32.4113 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 118.0430, 48.7858, 32.4113 by changing the saturation by 10% instead.

■ 118.0430, 48.7858,
32.4113

■ 118.0430, 48.7858,
32.4113

■ 255.0000, 0.0000,
0.0000

■ 91.2170, 48.2070,
31.3817

■ 170.8280, 41.4968,
36.9848

■ 62.6300, 48.4964,
31.8965

■ 195.6470, 29.2610,
41.5286

■ 36.2060, 48.2124,
29.6373

■ 215.6710, 19.3892,
34.4915

■ 24.2720, 41.2779,
13.7935

■ 232.6940, 10.9969,
19.5624

■ 12.1530, 34.9276,
-2.7652

■ 249.7170, 2.6045,
4.6332

■ 6.7260, 25.7711,
-5.8987

■ 5.2780, 15.1459,

-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 118.0430, 48.7858,
32.4113

■ 118.0430, 48.7858,
32.4113

■ 102.1390, 56.6265,
37.5891

■ 133.9470, 40.9451,
27.2335

■ 86.8220, 64.1778,
42.2521

■ 149.2640, 33.3938,
22.5705

■ 71.2170, 71.8710,
48.0447

■ 164.8690, 25.7006,
16.7779

■ 60.3190, 77.2437,
51.4632

■ 180.7730, 17.8599,
11.6001

■ 196.0900, 10.3086,
6.9371

■ 211.9940, 2.4680,
1.7593

■ 227.8980, -5.3727,
-3.4185

■ 243.8020,
-13.2134, -8.5964

■ 247.0800,
-14.8294, -3.5782

Harmonies

Analogous

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



96.2330, 76.7931, -84.3963



118.0430, 48.7858, 32.4113



96.2820, 29.9340, 105.8697

Triad

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



118.0430, 48.7858, 32.4113



110.1280, -54.2931, 54.2617



101.8730, 22.2476, -89.3426

Complementary

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



118.0430, 48.7858, 32.4113



178.9570, -48.7858, -32.4113

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.



92.4910, -8.6231, -81.1146



118.0430, 48.7858, 32.4113



106.8740, -52.6889, 6.2495

Square

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



118.0430, 48.7858, 32.4113



102.0730, -40.4620, 98.1600



80.4190, -39.6466, -70.5275



108.4680, 50.0553, -95.1264

Rectangle

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



118.0430, 48.7858, 32.4113



82.1360, 14.7230, 131.4307



80.4190, -39.6466, -70.5275



99.2510, 12.2013, -87.0431

Sweetspot

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



118.0430, 48.7858, 32.4113



220.2460, 17.1337, 11.1853



133.1860, 41.3203, -46.6441



106.2040, 10.7454, 6.8371



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.



118.0430, 48.7858, 32.4113



114.8100, 69.1137, 45.7706



136.0110, 37.4626, 71.0274



102.0480, 3.9203, 2.5889



48.1270, 61.5624, 41.1076



12.7190, 16.4075, 10.7704

Inverse Universe

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



128.0310, 6.8867, 78.0258



129.0380, 9.8413, 110.4687



160.9890, -37.4626, -71.0274



102.8590, 0.5625, 6.2627



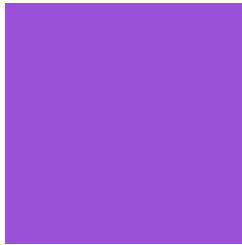
60.6190, 8.5688, 98.5581



16.1480, 2.3920, 26.1802

Previews

White Background



This preview shows how the YUV color 118.0430, 48.7858, 32.4113 looks on a white background.

Color Contrast Check

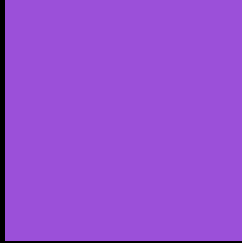
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.0430, 48.7858, 32.4113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

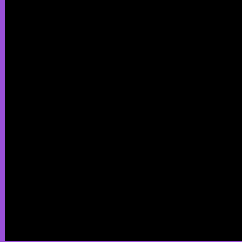
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.0430, 48.7858, 32.4113

Background



This preview shows how black text looks on a background with the YUV color 118.0430, 48.7858, 32.4113.



This preview shows how white text looks on a background with the YUV color 118.0430, 48.7858,

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

118.0430, 48.7858, 32.4113

Deuteranopia

101.4530, 53.0207, -66.1723

Tritanopia

118.3980, -0.1962, 16.3140

Trichromacy



Original Color

118.0430, 48.7858, 32.4113

Deuteranomaly

107.6300, 51.4544, -30.3705

Tritanomaly

118.1380, 17.6800, 22.6810

Monochromacy



Original Color

118.0430, 48.7858, 32.4113

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.7730, 17.8599, 11.6001

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.0430, 48.7858, 32.4113 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(155, 80, 217)` looks like.

```
.text, #text, p{  
    color:rgb(155, 80, 217)  
}
```

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(155, 80, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 80, 217) }
```

Border

The CSS property to change the border of an element to YUV 118.0430, 48.7858, 32.4113 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(155, 80, 217) }
```

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

```
.border{ border-color:rgb(155, 80, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 80, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 80, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 80, 217);  
box-shadow:4px 4px 4px 4px rgb(155, 80,  
217) }
```


Background

The CSS property to change the background color of an element to YUV 118.0430, 48.7858, 32.4113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 80, 217) }
```

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

```
.background{ background-color: rgb(155, 80,  
217) }
```

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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