

Converting Colors

YUV(118.2550, 47.2023,
26.9634)

Have a look what the booklet for
YUV(118.2550, 47.2023, 26.9634)
contains.

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Color

**YUV(118.2550, 47.2023,
26.9634)**

Conversions

Conversions Part 1

Format	Color
Hex	9554D6
RGB	149, 84, 214
RGB Percent	58%, 33%, 84%
CMY	0.4157, 0.6706, 0.1608
CMYK	0.30, 0.61, 0.00, 0.16
HSL	270°, 61%, 58%
HSV	270°, 61%, 84%
XYZ	27.7023, 17.5852, 65.5525
YIQ	118.2550, -2.9900, 54.2100

Conversions

Conversions Part 2

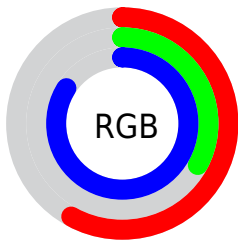
Format	Color
R _{YB}	149, 84, 214
Decimal	9786582
CIE _{Lab}	48.99, 51.38, -56.83
CIE _{LCh}	49, 76.614, 312.120
Yxy	17.5852, 0.2499, 0.1587
Android (android.graphics.Color)	4287976662 (0xFF9554D6)
YUV	118.2550, 47.2023, 26.9634
Hunter-Lab	41.9348, 44.5323, -63.3280

Details

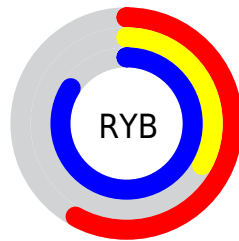
The YUV color **118.2550, 47.2023, 26.9634** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **179.7450, -47.2023, -26.9634**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.3820, 41.2237, 31.2370**, and **64.6030, 46.0447, 24.9042** is the 20% darker color. If you saturate the color by 10%, you get **102.6390, 54.9010, 31.0116**, and if you desaturate by 10%, it is **133.8710, 39.5036, 22.9151**.

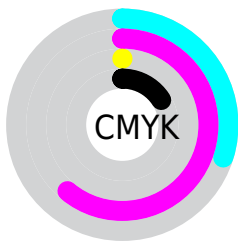
Distribution



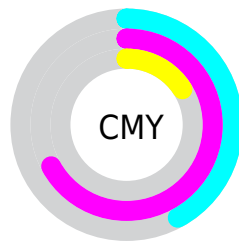
- Red (58%)
- Green (33%)
- Blue (84%)



- Red (58%)
- Yellow (33%)
- Blue (84%)



- Cyan (30%)
- Magenta (61%)
- Yellow (0%)
- Black (16%)



- Cyan (42%)
- Magenta (67%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.2550, 47.2023, 26.9634 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 118.2550, 47.2023, 26.9634 by changing the saturation by 10% instead.

■ 118.2550, 47.2023,
26.9634

■ 118.2550, 47.2023,
26.9634

■ 255.0000, 0.0000,
0.0000

■ 91.4290, 46.6235,
25.9338

■ 171.3820, 41.2237,
31.2370

■ 64.6030, 46.0447,
24.9042

■ 195.9020, 29.1353,
35.1659

■ 34.4830, 48.0759,
26.7634

■ 217.4320, 18.5210,
32.9471

■ 22.2500, 41.2888,
10.3048

■ 234.4550, 10.1287,
18.0180

■ 9.2340, 35.3806,
-8.0982

■ 251.4780, 1.7363,
3.0888

■ 7.6720, 24.3187,
-6.7283

■ 5.0500, 14.2723,

-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 118.2550, 47.2023,
26.9634

■ 118.2550, 47.2023,
26.9634

■ 102.6390, 54.9010,
31.0116

■ 133.8710, 39.5036,
22.9151

■ 86.7350, 62.7416,
36.1894

■ 149.7750, 31.6629,
17.7373

■ 71.1190, 70.4403,
40.2376

■ 165.3910, 23.9642,
13.6891

■ 56.3890, 77.7022,
44.3858

■ 181.5940, 15.9762,
9.1261

■ 197.2100, 8.2775,
5.0778

■ 212.5270, 0.7262,
0.4148

■ 228.7300, -7.2619,
-4.1482

■ 244.3460,
-14.9606, -8.1964

■ 247.3360,
-16.4346, -2.0487

Harmonies

Analogous

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



96.0220, 73.4462, -84.2113



118.2550, 47.2023, 26.9634



103.1080, 27.0618, 93.7443

Triad

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



118.2550, 47.2023, 26.9634



109.8400, -54.1511, 55.3913



100.7160, 20.3530, -88.3279

Complementary

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



118.2550, 47.2023, 26.9634



179.7450, -47.2023, -26.9634

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.



91.2030, -8.4811, -79.9850



118.2550, 47.2023, 26.9634



106.8960, -52.6997, 9.7382

Square

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



118.2550, 47.2023, 26.9634



103.6750, -36.8148, 95.0010



88.2150, -43.4900, -51.0546



106.4960, 47.5765, -93.3970

Rectangle

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



118.2550, 47.2023, 26.9634



86.5540, 14.0239, 122.2941



88.2150, -43.4900, -51.0546



97.5070, 10.5960, -85.5136

Sweetspot

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



118.2550, 47.2023, 26.9634



221.1210, 16.7023, 9.5409



136.9750, 37.9733, -46.4591



106.4920, 10.6034, 5.7075



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.



118.2550, 47.2023, 26.9634



118.0110, 67.5356, 38.5784



137.6900, 37.6208, 66.9239



99.0480, 3.9203, 2.5889



44.9090, 62.1629, 35.1598



11.4800, 15.5394, 9.2260

Inverse Universe

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



130.2800, 9.2290, 73.4224



135.2160, 13.2045, 105.0506



160.3100, -37.6208, -66.9239



99.9730, 0.9993, 6.1627



60.8190, 11.9212, 96.6287



15.3650, 3.2711, 24.2359

Previews

White Background



This preview shows how the YUV color 118.2550, 47.2023, 26.9634 looks on a white background.

Color Contrast Check

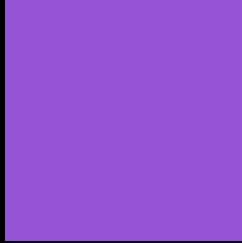
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.2550, 47.2023, 26.9634 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 118.2550, 47.2023, 26.9634 Background



This preview shows how black text looks on a background with the YUV color 118.2550, 47.2023, 26.9634.



This preview shows how white text looks on a background with the YUV color 118.2550, 47.2023,

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

118.2550, 47.2023, 26.9634

Protanopia

92.9900, 71.9829, -81.5522

Deuteranopia

102.7310, 51.4046, -61.1541



Tritanopia

117.8920, 0.5462, 11.4957

Trichromacy



Original Color

118.2550, 47.2023, 26.9634



Protanomaly

102.2400, 62.9857, -42.3065



Deuteranomaly

108.5870, 49.9966, -29.4558



Tritanomaly

118.1050, 17.6962, 17.4479

Monochromacy



Original Color

118.2550, 47.2023, 26.9634



Achromatopsia

118.0000, 0.0000, 0.0000



Achromatomaly

118.2350, 17.1391, 9.4409

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.2550, 47.2023, 26.9634 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(149, 84, 214)` looks like.

```
.text, #text, p{  
    color:rgb(149, 84, 214)  
}
```

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(149, 84, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 84, 214) }
```

Border

The CSS property to change the border of an element to YUV 118.2550, 47.2023, 26.9634 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(149, 84, 214) }
```


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

```
.border{ border-color:rgb(149, 84, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 84, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 84, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 84, 214);  
box-shadow:4px 4px 4px 4px rgb(149, 84,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 118.2550, 47.2023, 26.9634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 84, 214) }
```

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

```
.background{ background-color: rgb(149, 84,  
214) }
```

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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