

Converting Colors

YUV(117.9880, 48.8129,
23.6895)

Have a look what the booklet for
YUV(117.9880, 48.8129, 23.6895)
contains.

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Color

**YUV(117.9880, 48.8129,
23.6895)**

Conversions

Conversions Part 1

Format	Color
Hex	9155D9
RGB	145, 85, 217
RGB Percent	57%, 33%, 85%
CMY	0.4314, 0.6667, 0.1490
CMYK	0.33, 0.61, 0.00, 0.15
HSL	267°, 63%, 59%
HSV	267°, 61%, 85%
XYZ	27.4499, 17.5265, 67.5818
YIQ	117.9880, -6.6120, 53.7720

Conversions

Conversions Part 2

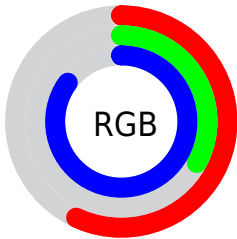
Format	Color
RYB	145, 85, 217
Decimal	9524697
CIELab	48.92, 50.69, -58.68
CIELCh	49, 77.538, 310.821
Yxy	17.5265, 0.2439, 0.1557
Android (android.graphics.Color)	4287714777 (0xFF9155D9)
YUV	117.9880, 48.8129, 23.6895
Hunter-Lab	41.8647, 43.7762, -66.4062

Details

The YUV color **117.9880, 48.8129, 23.6895** 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 **184.0120, -48.8129, -23.6895**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.1860, 41.8133, 28.7779**, and **64.9230, 47.3660, 21.1155** is the 20% darker color. If you saturate the color by 10%, you get **101.4860, 56.9484, 27.6378**, and if you desaturate by 10%, it is **134.4900, 40.6774, 19.7413**.

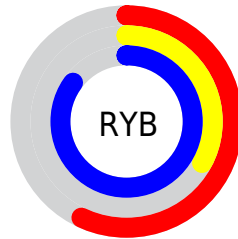
Distribution



Red (57%)

Green (33%)

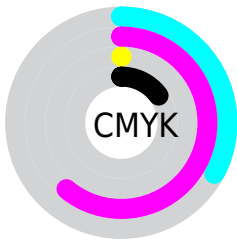
Blue (85%)



Red (57%)

Yellow (33%)

Blue (85%)

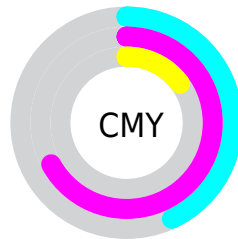


Cyan (33%)

Magenta (61%)

Yellow (0%)

Black (15%)



Cyan (43%)

Magenta (67%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.9880, 48.8129, 23.6895 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 117.9880, 48.8129, 23.6895 by changing the saturation by 10% instead.

■ 117.9880, 48.8129,
23.6895

■ 117.9880, 48.8129,
23.6895

■ 255.0000, 0.0000,
0.0000

■ 91.7490, 47.9447,
22.1451

■ 170.1860, 41.8133,
28.7779

■ 64.9230, 47.3660,
21.1155

■ 194.7060, 29.7249,
32.7068

■ 34.3900, 49.1077,
22.4600

■ 218.0190, 18.2316,
32.4323

■ 20.3850, 43.1942,
5.8014

■ 235.0420, 9.8393,
17.5032

■ 9.4620, 36.2542,
-8.2982

■ 252.0650, 1.4470,
2.5740

■ 8.4870, 24.9029,
-7.4431

■ 5.2780, 15.1459,

-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 117.9880, 48.8129,
23.6895

■ 117.9880, 48.8129,
23.6895

■ 101.4860, 56.9484,
27.6378

■ 134.4900, 40.6774,
19.7413

■ 85.5710, 64.7945,
31.0712

■ 150.4050, 32.8313,
16.3078

■ 69.0690, 72.9300,
35.0195

■ 166.9070, 24.6958,
12.3596

■ 54.3390, 80.1919,
39.1677

■ 183.1100, 16.7078,
7.7965

199.6120, 8.5723,
3.8483

215.5270, 0.7262,
0.4148

232.0290, -7.4093,
-3.5334

246.1830,
-14.3872, -5.4225

249.7710,
-16.1561, 1.9548

Harmonies

Analogous

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



96.8370, 74.0304, -84.9260



117.9880, 48.8129, 23.6895



103.1510, 28.5196, 92.8296

Triad

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



117.9880, 48.8129, 23.6895



109.2640, -53.8672, 57.6505



100.3740, 19.0426, -88.0280

Complementary

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



117.9880, 48.8129, 23.6895



184.0120, -48.8129, -23.6895

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.



90.7470, -10.2283, -79.5851



117.9880, 48.8129, 23.6895



106.9070, -52.7052, 11.4826

Square

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



117.9880, 48.8129, 23.6895



102.1530, -35.0784, 98.0898



89.7100, -44.2270, -47.9807



106.9690, 46.8503, -93.8118

Rectangle

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



117.9880, 48.8129, 23.6895



81.4990, 17.5020, 126.7274



89.7100, -44.2270, -47.9807



97.1650, 9.2857, -85.2137

Sweetspot

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



117.9880, 48.8129, 23.6895



220.5230, 16.9972, 8.3113



142.8990, 36.5318, -50.7774



106.1930, 10.7509, 5.0927



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.



117.9880, 48.8129, 23.6895



115.3200, 68.8622, 33.0454



137.4230, 39.2315, 63.6500



101.7490, 4.0677, 1.9741



43.3430, 63.9209, 31.2712



11.5230, 16.9972, 8.3113

Inverse Universe

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



132.6760, 11.9917, 73.9521



136.1280, 16.6989, 104.2507



164.5770, -39.2315, -63.6500



102.9730, 0.9993, 6.1627



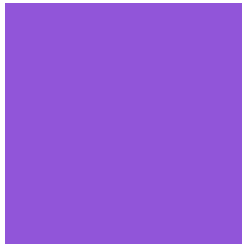
62.5570, 15.9944, 96.8585



16.6040, 4.1392, 25.7803

Previews

White Background



This preview shows how the YUV color 117.9880, 48.8129, 23.6895 looks on a white background.

Color Contrast Check

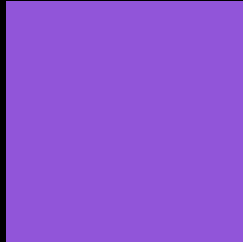
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.9880, 48.8129, 23.6895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

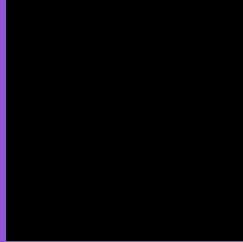
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.9880, 48.8129, 23.6895

Background



This preview shows how black text looks on a background with the YUV color 117.9880, 48.8129, 23.6895.



This preview shows how white text looks on a background with the YUV color 117.9880, 48.8129,

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

117.9880, 48.8129, 23.6895

Protanopia

92.8760, 71.5461, -81.4523

Deuteranopia

94.7010, 56.8424, -78.6678



Tritanopia

117.2120, 1.8675, 7.7071

Trichromacy



Original Color

117.9880, 48.8129, 23.6895



Protanomaly

101.9410, 63.1331, -42.9213



Deuteranomaly

103.2480, 54.1077, -41.4365



Tritanomaly

117.4250, 19.0175, 13.6593

Monochromacy



Original Color

117.9880, 48.8129, 23.6895



Achromatopsia

118.0000, 0.0000, 0.0000



Achromatomaly

118.0500, 17.7233, 8.7262

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.9880, 48.8129, 23.6895 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(145, 85, 217)` looks like.

```
.text, #text, p{  
    color:rgb(145, 85, 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(145, 85, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 85, 217) }
```

Border

The CSS property to change the border of an element to YUV 117.9880, 48.8129, 23.6895 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(145, 85, 217) }
```


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

```
.border{ border-color:rgb(145, 85, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 85, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 85, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 85, 217);  
box-shadow:4px 4px 4px 4px rgb(145, 85,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 117.9880, 48.8129, 23.6895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 85, 217) }
```

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

```
.background{ background-color: rgb(145, 85,  
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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