

Converting Colors

YUV(117.7500, 49.9162,
43.1923)

Have a look what the booklet for
YUV(117.7500, 49.9162, 43.1923)
contains.

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Color

**YUV(117.7500, 49.9162,
43.1923)**

Conversions

Conversions Part 1

Format	Color
Hex	A749DB
RGB	167, 73, 219
RGB Percent	65%, 29%, 86%
CMY	0.3451, 0.7137, 0.1412
CMYK	0.24, 0.67, 0.00, 0.14
HSL	279°, 67%, 57%
HSV	279°, 67%, 86%
XYZ	31.1051, 18.0951, 68.8711
YIQ	117.7500, 9.1580, 65.3340

Conversions

Conversions Part 2

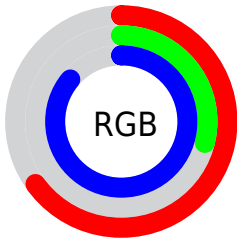
Format	Color
RYB	167, 73, 219
Decimal	10963419
CIELab	49.61, 61.76, -58.56
CIELCh	50, 85.105, 316.522
Yxy	18.0951, 0.2634, 0.1533
Android (android.graphics.Color)	4289153499 (0xFFA749DB)
YUV	117.7500, 49.9162, 43.1923
Hunter-Lab	42.5383, 56.0818, -66.2160

Details

The YUV color **117.7500, 49.9162, 43.1923** 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 **174.2500, -49.9162, -43.1923**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.7800, 41.0275, 47.5509**, and **54.4070, 53.5363, 48.7551** is the 20% darker color. If you saturate the color by 10%, you get **102.4440, 57.4621, 49.5996**, and if you desaturate by 10%, it is **133.0560, 42.3704, 36.7849**.

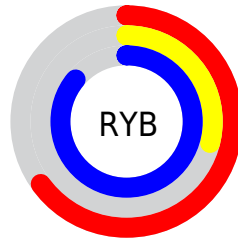
Distribution



Red (65%)

Green (29%)

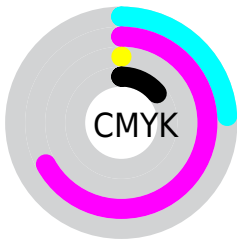
Blue (86%)



Red (65%)

Yellow (29%)

Blue (86%)

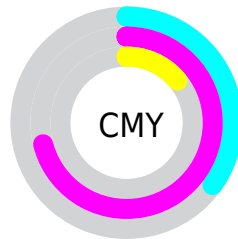


Cyan (24%)

Magenta (67%)

Yellow (0%)

Black (14%)



Cyan (35%)

Magenta (71%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.7500, 49.9162, 43.1923 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 117.7500, 49.9162, 43.1923 by changing the saturation by 10% instead.

■ 117.7500, 49.9162,
43.1923

■ 117.7500, 49.9162,
43.1923

■ 255.0000, 0.0000,
0.0000

■ 88.8640, 50.3530,
43.0923

■ 171.7800, 41.0275,
47.5509

■ 54.4070, 53.5363,
48.7551

■ 196.3000, 28.9391,
51.4799

■ 40.0220, 47.3172,
36.8147

■ 212.7360, 20.8362,
37.0655

■ 28.3870, 40.2352,
21.5856

■ 229.7590, 12.4438,
22.1364

■ 17.4640, 33.2952,
7.4861

■ 246.7820, 4.0515,
7.2072

■ 6.9540, 26.6447,
-6.0987

■ 5.5060, 16.0195,

-4.8288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 117.7500, 49.9162,
43.1923

■ 117.7500, 49.9162,
43.1923

■ 102.4440, 57.4621,
49.5996

■ 133.0560, 42.3704,
36.7849

■ 87.1380, 65.0080,
56.0070

■ 148.3620, 34.8245,
30.3775

■ 72.1310, 72.4064,
63.0291

■ 163.3690, 27.4261,
23.3554

■ 67.1250, 74.8744,
64.7884

■ 178.6750, 19.8802,
16.9480

193.9810, 12.3344,
10.5407

208.7000, 5.0779,
4.6481

224.0060, -2.4680,
-1.7593

239.0130, -9.8664,
-8.7814

245.5140,
-13.0714, -7.4668

Harmonies

Analogous

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



95.9880, 78.3929, -84.1815



117.7500, 49.9162, 43.1923



85.4290, 33.8055, 124.1578

Triad

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



117.7500, 49.9162, 43.1923



111.2910, -54.8665, 51.4878



104.7740, 25.7474, -91.8868

Complementary

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



117.7500, 49.9162, 43.1923



174.2500, -49.9162, -43.1923

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.



94.3490, -6.5811, -82.7441



117.7500, 49.9162, 43.1923



106.5420, -52.5252, 0.4017

Square

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



117.7500, 49.9162, 43.1923



100.6900, -49.6402, 102.0039



82.1800, -40.5147, -72.0719



111.1240, 55.1549, -97.4557

Rectangle

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



117.7500, 49.9162, 43.1923



83.8440, 10.9229, 136.9488



82.1800, -40.5147, -72.0719



101.4510, 15.5537, -88.9725

Sweetspot

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



117.7500, 49.9162, 43.1923



219.6810, 17.4123, 15.1888



121.3420, 48.1454, -42.3959



106.5140, 10.5926, 9.1962



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.



117.7500, 49.9162, 43.1923



113.4250, 69.7965, 60.1403



131.1320, 33.9519, 77.0602



102.3470, 3.7729, 3.2037



53.2100, 59.0565, 51.5588



14.2140, 15.6705, 13.8443

Inverse Universe

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



122.5820, 1.1921, 84.5586



120.3180, 1.8152, 118.1161



160.8680, -33.9519, -77.0602



102.7450, 0.1257, 6.3626



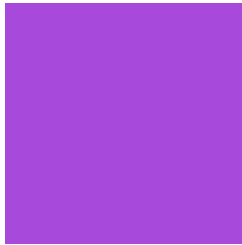
58.7950, 1.5801, 100.1578



15.5780, 0.2080, 26.6801

Previews

White Background



This preview shows how the YUV color 117.7500, 49.9162, 43.1923 looks on a white background.

Color Contrast Check

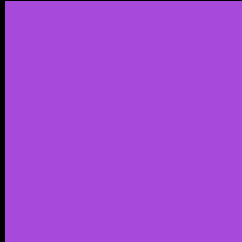
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.7500, 49.9162, 43.1923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

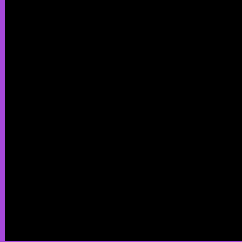
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.7500, 49.9162, 43.1923

Background



This preview shows how black text looks on a background with the YUV color 117.7500, 49.9162, 43.1923.



This preview shows how white text looks on a background with the YUV color 117.7500, 49.9162,

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

117.7500, 49.9162, 43.1923

Protanopia

94.5060, 72.7145, -82.8818

Deuteranopia

104.2470, 52.1362, -62.4836



Tritanopia

120.0680, -2.9915, 26.2504

Trichromacy



Original Color

117.7500, 49.9162, 43.1923



Protanomaly

103.0280, 64.5692, -36.8586



Deuteranomaly

109.2610, 51.1433, -23.9079



Tritanomaly

119.1500, 16.1950, 32.3174

Monochromacy



Original Color

117.7500, 49.9162, 43.1923



Achromatopsia

118.0000, 0.0000, 0.0000



Achromatomaly

118.2080, 18.1385, 15.6036

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.7500, 49.9162, 43.1923 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(167, 73, 219)` looks like.

```
.text, #text, p{  
    color:rgb(167, 73, 219)  
}
```

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(167, 73, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 73, 219) }
```

Border

The CSS property to change the border of an element to YUV 117.7500, 49.9162, 43.1923 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(167, 73, 219) }
```


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

```
.border{ border-color:rgb(167, 73, 219) }
```

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

Here you see how a box with a 4 pixel rgb(167, 73, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 73, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 73, 219);  
box-shadow:4px 4px 4px 4px rgb(167, 73,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 117.7500, 49.9162, 43.1923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 73, 219) }
```

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

```
.background{ background-color: rgb(167, 73,  
219) }
```

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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