

Converting Colors

YUV(113.9850, 46.8424,
49.1252)

Have a look what the booklet for
YUV(113.9850, 46.8424, 49.1252)
contains.

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Color

**YUV(113.9850, 46.8424,
49.1252)**

Conversions

Conversions Part 1

Format	Color
Hex	AA43D1
RGB	170, 67, 209
RGB Percent	67%, 26%, 82%
CMY	0.3333, 0.7373, 0.1804
CMYK	0.19, 0.68, 0.00, 0.18
HSL	284°, 61%, 54%
HSV	284°, 68%, 82%
XYZ	30.0933, 17.1638, 62.0485
YIQ	113.9850, 15.8060, 65.9980

Conversions

Conversions Part 2

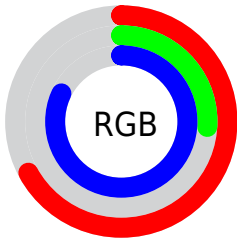
Format	Color
RYB	170, 67, 209
Decimal	11158481
CIELab	48.47, 62.92, -54.67
CIELCh	48, 83.347, 319.013
Yxy	17.1638, 0.2753, 0.1570
Android (android.graphics.Color)	4289348561 (0xFFAA43D1)
YUV	113.9850, 46.8424, 49.1252
Hunter-Lab	41.4292, 57.1576, -59.7980

Details

The YUV color **113.9850, 46.8424, 49.1252** 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 **162.0150, -46.8424, -49.1252**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8560, 42.4690, 51.8693**, and **51.3430, 50.6099, 54.0732** is the 20% darker color. If you saturate the color by 10%, you get **99.8640, 53.8040, 56.2473**, and if you desaturate by 10%, it is **128.1060, 39.8807, 42.0030**.

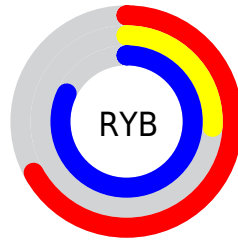
Distribution



Red (67%)

Green (26%)

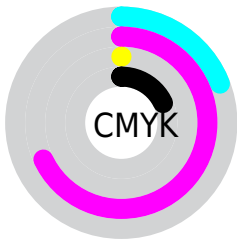
Blue (82%)



Red (67%)

Yellow (26%)

Blue (82%)

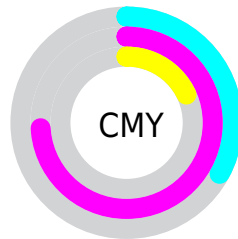


Cyan (19%)

Magenta (68%)

Yellow (0%)

Black (18%)



Cyan (33%)

Magenta (74%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.9850, 46.8424, 49.1252 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 113.9850, 46.8424, 49.1252 by changing the saturation by 10% instead.

■ 113.9850, 46.8424,
49.1252

■ 113.9850, 46.8424,
49.1252

255.0000, 0.0000,
0.0000

■ 84.5120, 47.5686,
49.5400

■ 168.8560, 42.4690,
51.8693

■ 51.3430, 50.6099,
54.0732

■ 193.3650, 30.3861,
54.0539

■ 39.8930, 42.9438,
39.5588

■ 209.8010, 22.2831,
39.6395

■ 28.5570, 35.7144,
24.9445

■ 226.8240, 13.8908,
24.7104

■ 18.3460, 28.9164,
11.9746

■ 243.8470, 5.4984,
9.7812

■ 6.0420, 23.1503,
-5.2988

■ 4.5940, 12.5252,

-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 113.9850, 46.8424,
49.1252

■ 113.9850, 46.8424,
49.1252

■ 99.8640, 53.8040,
56.2473

■ 128.1060, 39.8807,
42.0030

■ 86.0420, 60.6183,
63.9842

■ 141.9280, 33.0665,
34.2661

■ 71.9210, 67.5799,
71.1063

■ 156.0490, 26.1048,
27.1440

■ 69.2740, 68.8849,
72.5507

■ 170.1700, 19.1432,
20.0219

183.7040, 12.4709,
13.4146

197.5260, 5.6567,
5.6777

211.6470, -1.3050,
-1.4444

225.7680, -8.2666,
-8.5665

239.8890,
-15.2283, -15.6887

Harmonies

Analogous

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



92.5970, 78.0927, -81.2076



113.9850, 46.8424, 49.1252



83.3920, 29.8797, 123.3132

Triad

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



113.9850, 46.8424, 49.1252



108.8990, -53.6872, 46.5696



102.6540, 27.7786, -90.0276

Complementary

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



113.9850, 46.8424, 49.1252



162.0150, -46.8424, -49.1252

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.



93.1580, -3.5289, -81.6996



113.9850, 46.8424, 49.1252



102.6770, -50.6198, -4.1017

Square

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



113.9850, 46.8424, 49.1252



100.0590, -49.3291, 95.5413



80.4190, -39.6466, -70.5275



108.6620, 55.8756, -95.2966

Rectangle

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



113.9850, 46.8424, 49.1252



81.0240, 7.8762, 134.1600



80.4190, -39.6466, -70.5275



99.9180, 17.2954, -87.6281

Sweetspot

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



113.9850, 46.8424, 49.1252



220.8770, 16.8226, 17.6479



106.6680, 50.4497, -34.7888



107.1120, 10.2978, 10.4258



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.



113.9850, 46.8424, 49.1252



115.2740, 68.8849, 72.5507



122.1120, 27.5528, 76.2008



97.6460, 3.6255, 3.8185



55.6300, 55.3984, 58.2065



13.6440, 13.4865, 14.3442

Inverse Universe

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



113.9040, -3.8967, 83.3992



114.9890, -5.9106, 122.7896



153.8880, -27.5528, -76.2008



97.6310, -0.3111, 6.4626



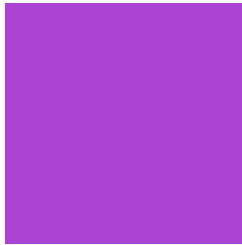
55.4760, -4.6717, 98.6835



13.5130, -1.2389, 24.1061

Previews

White Background



This preview shows how the YUV color 113.9850, 46.8424, 49.1252 looks on a white background.

Color Contrast Check

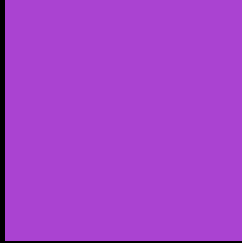
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.9850, 46.8424, 49.1252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

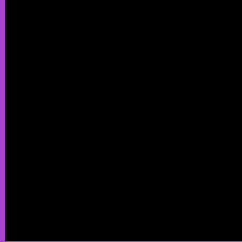
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.9850, 46.8424, 49.1252

Background



This preview shows how black text looks on a background with the YUV color 113.9850, 46.8424, 49.1252.



This preview shows how white text looks on a background with the YUV color 113.9850, 46.8424, 49.1252.

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

113.9850, 46.8424, 49.1252

Protanopia

92.0610, 70.9619, -80.7375

Deuteranopia

105.8310, 46.4253, -50.7178



Tritanopia

117.2430, -5.0498, 33.1129

Trichromacy



Original Color

113.9850, 46.8424, 49.1252

Protanomaly

100.0670, 62.0850, -33.3848

Deuteranomaly

108.7630, 46.4588, -14.7012

Tritanomaly

115.9120, 13.8474, 38.6652

Monochromacy



Original Color

113.9850, 46.8424, 49.1252

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9910, 17.2594, 17.5479

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.9850, 46.8424, 49.1252 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(170, 67, 209)` looks like.

```
.text, #text, p{  
    color:rgb(170, 67, 209)  
}
```

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(170, 67, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 67, 209) }
```

Border

The CSS property to change the border of an element to YUV 113.9850, 46.8424, 49.1252 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(170, 67, 209) }
```


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

```
.border{ border-color:rgb(170, 67, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 67, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 67, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 67, 209);  
box-shadow:4px 4px 4px 4px rgb(170, 67,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 113.9850, 46.8424, 49.1252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 67, 209) }
```

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

```
.background{ background-color: rgb(170, 67,  
209) }
```

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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