

Converting Colors

YUV(114.8580, 52.8210,
44.8515)

Have a look what the booklet for
YUV(114.8580, 52.8210, 44.8515)
contains.

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Color

**YUV(114.8580, 52.8210,
44.8515)**

Conversions

Conversions Part 1

Format	Color
Hex	A644DE
RGB	166, 68, 222
RGB Percent	65%, 27%, 87%
CMY	0.3490, 0.7333, 0.1294
CMYK	0.25, 0.69, 0.00, 0.13
HSL	278°, 70%, 57%
HSV	278°, 69%, 87%
XYZ	30.9778, 17.5152, 70.8553
YIQ	114.8580, 8.9740, 68.6700

Conversions

Conversions Part 2

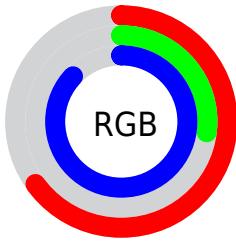
Format	Color
R_{YB}	166, 68, 222
Decimal	10896606
CIE _{Lab}	48.90, 64.34, -61.41
CIE _{LCh}	49, 88.944, 316.333
Yxy	17.5152, 0.2596, 0.1468
Android (android.graphics.Color)	4289086686 (0xFFA644DE)
YUV	114.8580, 52.8210, 44.8515
Hunter-Lab	41.8511, 58.8846, -71.0841

Details

The YUV color **114.8580, 52.8210, 44.8515** 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 **175.1420, -52.8210, -44.8515**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5460, 42.6218, 49.5102**, and **51.5150, 56.4411, 50.4143** is the 20% darker color. If you saturate the color by 10%, you get **99.5520, 60.3669, 51.2589**, and if you desaturate by 10%, it is **130.1640, 45.2751, 38.4442**.

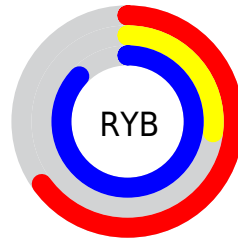
Distribution



Red (65%)

Green (27%)

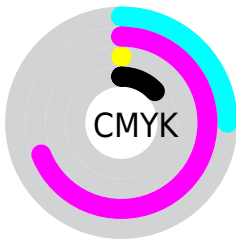
Blue (87%)



Red (65%)

Yellow (27%)

Blue (87%)

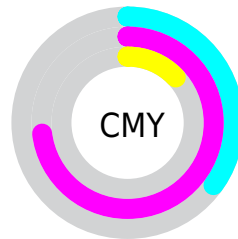


Cyan (25%)

Magenta (69%)

Yellow (0%)

Black (13%)



Cyan (35%)

Magenta (73%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.8580, 52.8210, 44.8515 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 114.8580, 52.8210, 44.8515 by changing the saturation by 10% instead.

114.8580, 52.8210,
44.8515

114.8580, 52.8210,
44.8515

255.0000, 0.0000,
0.0000

85.3850, 53.5472,
45.2664

168.5460, 42.6218,
49.5102

51.5150, 56.4411,
50.4143

193.9520, 30.0967,
53.5391

39.7660, 48.9224,
35.2852

210.3880, 21.9937,
39.1247

27.8320, 41.9878,
19.4413

227.4110, 13.6014,
24.1956

16.1970, 34.9059,
4.2122

244.4340, 5.2090,
9.2664

7.1820, 27.5183,
-6.2986

6.3210, 16.6037,

-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 114.8580, 52.8210,
44.8515

■ 114.8580, 52.8210,
44.8515

■ 99.5520, 60.3669,
51.2589

■ 130.1640, 45.2751,
38.4442

■ 84.2460, 67.9127,
57.6663

■ 145.4700, 37.7293,
32.0368

■ 68.3530, 75.7480,
64.5884

■ 161.3630, 29.8940,
25.1146

■ 67.4670, 76.1848,
64.4884

■ 176.6690, 22.3482,
18.7073

■ 191.9750, 14.8023,
12.2999

■ 207.2810, 7.2565,
5.8926

■ 222.8860, -0.4368,
0.1000

■ 238.7790, -8.2720,
-6.8222

■ 246.4540,
-12.0558, -6.5372

Harmonies

Analogous

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



94.8140, 78.9717, -83.1519



114.8580, 52.8210, 44.8515



86.0270, 33.5107, 125.3873

Triad

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



114.8580, 52.8210, 44.8515



109.5300, -53.9983, 53.0322



103.6000, 26.3262, -90.8572

Complementary

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



114.8580, 52.8210, 44.8515



175.1420, -52.8210, -44.8515

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.



93.4200, -7.6021, -81.9293



114.8580, 52.8210, 44.8515



104.4710, -51.5042, -0.4131

Square

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



114.8580, 52.8210, 44.8515



96.8800, -47.7618, 106.2222



81.0060, -39.9360, -71.0423



110.7650, 56.3179, -97.1409

Rectangle

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



114.8580, 52.8210, 44.8515



84.2140, 9.7545, 138.3783



81.0060, -39.9360, -71.0423



100.6360, 14.9695, -88.2578

Sweetspot

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



114.8580, 52.8210, 44.8515



217.6210, 18.4278, 16.1184



118.4280, 51.0610, -44.2254



105.6280, 11.0294, 9.0962



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.



114.8580, 52.8210, 44.8515



107.5330, 72.7012, 61.7996



129.2080, 35.3935, 81.3786



104.3470, 3.7729, 3.2037



53.5520, 60.3669, 51.2589



14.7410, 16.3967, 14.2591

Inverse Universe

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



120.4300, 1.7600, 89.0769



115.1660, 2.3832, 122.6344



160.7920, -35.3935, -81.3786



104.7450, 0.1257, 6.3626



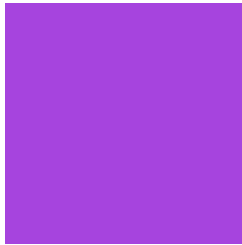
59.9200, 2.0114, 101.8022



16.4040, 0.7868, 27.7097

Previews

White Background



This preview shows how the YUV color 114.8580, 52.8210, 44.8515 looks on a white background.

Color Contrast Check

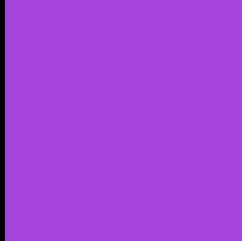
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.8580, 52.8210, 44.8515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

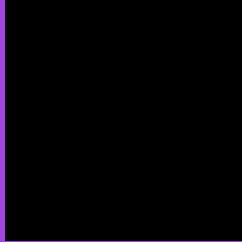
Any Text WCAG AA ✓ Pass

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 114.8580, 52.8210, 44.8515 Background



This preview shows how black text looks on a background with the YUV color 114.8580, 52.8210, 44.8515.



This preview shows how white text looks on a background with the YUV color 114.8580, 52.8210,

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

114.8580, 52.8210, 44.8515

Protanopia

92.8760, 71.5461, -81.4523

Deuteranopia

93.7930, 57.2901, -82.2565



Tritanopia

118.0680, -2.9915, 26.2504

Trichromacy



Original Color

114.8580, 52.8210, 44.8515



Protanomaly

100.7400, 64.7112, -35.7290



Deuteranomaly

101.0360, 55.6913, -35.9886



Tritanomaly

117.0900, 17.2106, 33.2471

Monochromacy



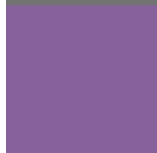
Original Color

114.8580, 52.8210, 44.8515



Achromatopsia

115.0000, 0.0000, 0.0000



Achromatomaly

115.1480, 19.1540, 16.5332

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.8580, 52.8210, 44.8515 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(166, 68, 222)` looks like.

```
.text, #text, p{  
    color:rgb(166, 68, 222)  
}
```

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(166, 68, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 68, 222) }
```

Border

The CSS property to change the border of an element to YUV 114.8580, 52.8210, 44.8515 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(166, 68, 222) }
```


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

```
.border{ border-color:rgb(166, 68, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 68, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 68, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 68, 222);  
box-shadow:4px 4px 4px 4px rgb(166, 68,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 114.8580, 52.8210, 44.8515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 68, 222) }
```

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

```
.background{ background-color: rgb(166, 68,  
222) }
```

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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