

Converting Colors

YUV(118.5740, 56.9050,
41.5926)

Have a look what the booklet for
YUV(118.5740, 56.9050, 41.5926)
contains.

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Color

**YUV(118.5740, 56.9050,
41.5926)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | A648EA |
| RGB | 166, 72, 234 |
| RGB Percent | 65%, 28%, 92% |
| CMY | 0.3490, 0.7176, 0.0824 |
| CMYK | 0.29, 0.69, 0.00, 0.08 |
| HSL | 275°, 79%, 60% |
| HSV | 275°, 69%, 92% |
| XYZ | 32.8945, 18.6822, 79.7142 |
| YIQ | 118.5740, 4.0220, 70.3100 |

Conversions

Conversions Part 2

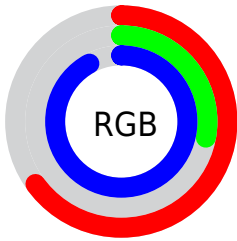
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 166, 72, 234 |
| Decimal | 10897642 |
| CIE _{Lab} | 50.31, 65.21, -65.92 |
| CIE _{LCh} | 50, 92.728, 314.690 |
| Yxy | 18.6822, 0.2505, 0.1423 |
| Android (android.graphics.Color) | 4289087722 (0xFFA648EA) |
| YUV | 118.5740, 56.9050, 41.5926 |
| Hunter-Lab | 43.2229, 60.2061, -79.0899 |

Details

The YUV color **118.5740, 56.9050, 41.5926** 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 **187.4260, -56.9050, -41.5926**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.8940, 41.4643, 47.4510**, and **52.4700, 61.3933, 48.6998** is the 20% darker color. If you saturate the color by 10%, you get **102.0830, 65.0351, 47.2852**, and if you desaturate by 10%, it is **135.0650, 48.7750, 35.9000**.

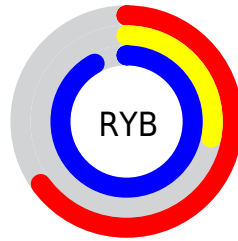
Distribution



Red (65%)

Green (28%)

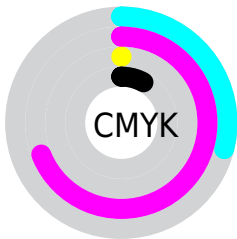
Blue (92%)



Red (65%)

Yellow (28%)

Blue (92%)

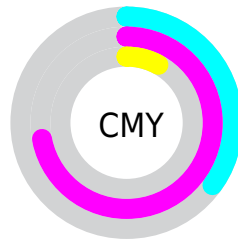


Cyan (29%)

Magenta (69%)

Yellow (0%)

Black (8%)



Cyan (35%)

Magenta (72%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.5740, 56.9050, 41.5926 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 118.5740, 56.9050, 41.5926 by changing the saturation by 10% instead.

■ 118.5740, 56.9050,
41.5926

■ 118.5740, 56.9050,
41.5926

255.0000, 0.0000,
0.0000

■ 89.5740, 56.9050,
41.5926

■ 170.8940, 41.4643,
47.4510

■ 52.4700, 61.3933,
48.6998

■ 196.3000, 28.9391,
51.4799

■ 40.7210, 53.8745,
33.5707

■ 212.7360, 20.8362,
37.0655

■ 28.0750, 46.7980,
16.5972

■ 229.7590, 12.4438,
22.1364

■ 15.2440, 40.3057,
-1.0910

■ 246.7820, 4.0515,
7.2072

■ 8.2080, 31.4495,
-7.1984

■ 7.9340, 20.2455,

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 118.5740, 56.9050,
41.5926

■ 118.5740, 56.9050,
41.5926

■ 102.0830, 65.0351,
47.2852

■ 135.0650, 48.7750,
35.9000

■ 85.0050, 73.4545,
53.4926

■ 152.1430, 40.3555,
29.6926

■ 68.8130, 81.4372,
59.8000

■ 168.3350, 32.3728,
23.3852

■ 67.3400, 82.1634,
60.2148

■ 185.4130, 23.9534,
17.1778

■ 201.9040, 15.8233,
11.4852

■ 218.3950, 7.6933,
5.7926

■ 235.4730, -0.7262,
-0.4148

■ 249.6160, -7.6987,
-4.0482

■ 252.3070, -9.0254,
1.4848

Harmonies

Analogous

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



98.3360, 77.2354, -86.2407



118.5740, 56.9050, 41.5926



88.9610, 36.9942, 128.0762

Triad

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



118.5740, 56.9050, 41.5926



112.8080, -55.6143, 58.0504



106.6490, 25.3160, -93.5312

Complementary

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



118.5740, 56.9050, 41.5926



187.4260, -56.9050, -41.5926

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.



96.0130, -10.3594, -84.2034



118.5740, 56.9050, 41.5926



108.3250, -53.4042, 2.3460

Square

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



118.5740, 56.9050, 41.5926



96.9350, -47.7890, 114.9440



83.3540, -41.0935, -73.1015



114.3840, 57.4917, -100.3148

Rectangle

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



118.5740, 56.9050, 41.5926



87.7030, 11.4854, 143.2115



83.3540, -41.0935, -73.1015



103.5710, 13.5225, -90.8318

Sweetspot

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



118.5740, 56.9050, 41.5926



216.7240, 18.8701, 14.2741



131.5580, 50.5039, -52.2324



105.0300, 11.3242, 7.8667



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.



118.5740, 56.9050, 41.5926



103.9450, 74.4701, 54.4222



137.6520, 42.0766, 84.4972



109.0480, 3.9203, 2.5889



52.0290, 63.5827, 46.4556



15.4250, 19.0175, 13.6593

Inverse Universe

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



128.1900, 5.8223, 92.7954



116.5340, 7.6247, 121.4347



168.3480, -42.0766, -84.4972



109.7450, 0.1257, 6.3626



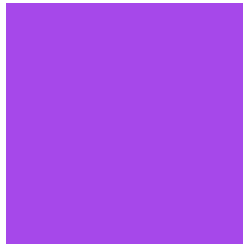
62.7830, 6.5160, 103.6763



18.6540, 1.6496, 30.9984

Previews

White Background



This preview shows how the YUV color 118.5740, 56.9050, 41.5926 looks on a white background.

Color Contrast Check

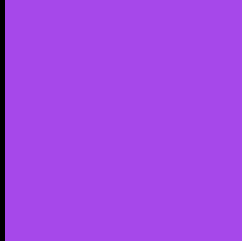
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 118.5740, 56.9050, 41.5926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

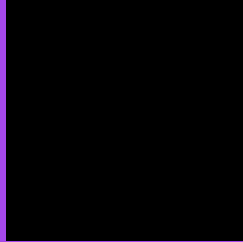
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.5740, 56.9050, 41.5926

Background



This preview shows how black text looks on a background with the YUV color 118.5740, 56.9050, 41.5926.



This preview shows how white text looks on a background with the YUV color 118.5740, 56.9050,

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

118.5740, 56.9050, 41.5926

Protanopia

96.0220, 73.4462, -84.2113

Deuteranopia

96.1240, 58.6059, -84.3007



Tritanopia

121.6760, -1.8123, 21.3321

Trichromacy



Original Color

118.5740, 56.9050, 41.5926



Protanomaly

104.1140, 67.4848, -38.6880



Deuteranomaly

104.2960, 58.0281, -38.8476



Tritanomaly

120.3390, 19.5529, 28.6437

Monochromacy



Original Color

118.5740, 56.9050, 41.5926



Achromatopsia

119.0000, 0.0000, 0.0000



Achromatomaly

118.8920, 20.7592, 15.0037

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.5740, 56.9050, 41.5926 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, 72, 234)` looks like.

```
.text, #text, p{  
    color:rgb(166, 72, 234)  
}
```

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, 72, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 72, 234) }
```

Border

The CSS property to change the border of an element to YUV 118.5740, 56.9050, 41.5926 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, 72, 234) }
```


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

```
.border{ border-color:rgb(166, 72, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 72, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 72, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 72, 234);  
box-shadow:4px 4px 4px 4px rgb(166, 72,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 118.5740, 56.9050, 41.5926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 72, 234) }
```

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

```
.background{ background-color: rgb(166, 72,  
234) }
```

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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