

Converting Colors

YUV(117.1140, 47.7648,
33.2260)

Have a look what the booklet for
YUV(117.1140, 47.7648, 33.2260)
contains.

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Color

**YUV(117.1140, 47.7648,
33.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	9B4FD6
RGB	155, 79, 214
RGB Percent	61%, 31%, 84%
CMY	0.3922, 0.6902, 0.1608
CMYK	0.28, 0.63, 0.00, 0.16
HSL	274°, 62%, 57%
HSV	274°, 63%, 84%
XYZ	28.4511, 17.4156, 65.4803
YIQ	117.1140, 1.9610, 58.0970

Conversions

Conversions Part 2

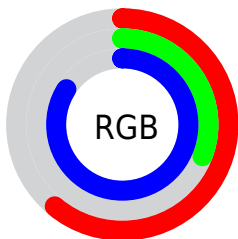
Format	Color
R _Y B	155, 79, 214
Decimal	10178518
CIE Lab	48.78, 55.25, -57.13
CIE LCh	49, 79.473, 314.042
Yxy	17.4156, 0.2555, 0.1564
Android (android.graphics.Color)	4288368598 (0xFF9B4FD6)
YUV	117.1140, 47.7648, 33.2260
Hunter-Lab	41.7320, 48.6631, -63.8177

Details

The YUV color **117.1140, 47.7648, 33.2260** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **175.8860, -47.7648, -33.2260**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.2410, 41.7862, 37.4996**, and **61.7010, 47.4754, 32.7112** is the 20% darker color. If you saturate the color by 10%, you get **102.0960, 55.1687, 38.5038**, and if you desaturate by 10%, it is **132.1320, 40.3609, 27.9482**.

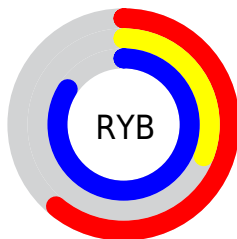
Distribution



Red (61%)

Green (31%)

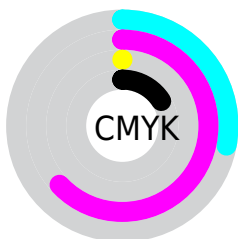
Blue (84%)



Red (61%)

Yellow (31%)

Blue (84%)

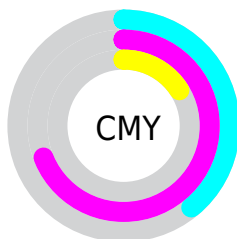


Cyan (28%)

Magenta (63%)

Yellow (0%)

Black (16%)



Cyan (39%)

Magenta (69%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.1140, 47.7648, 33.2260 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 117.1140, 47.7648, 33.2260 by changing the saturation by 10% instead.

■ 117.1140, 47.7648,
33.2260

■ 117.1140, 47.7648,
33.2260

■ 255.0000, 0.0000,
0.0000

■ 90.2880, 47.1860,
32.1964

■ 170.2410, 41.7862,
37.4996

■ 61.7010, 47.4754,
32.7112

■ 194.7610, 29.6978,
41.4286

■ 36.2770, 47.1914,
30.4521

■ 215.0840, 19.6786,
35.0063

■ 24.3430, 40.2569,
14.6082

■ 232.1070, 11.2862,
20.0772

■ 12.5230, 33.7592,
-1.3357

■ 249.1300, 2.8939,
5.1480

■ 6.4980, 24.8975,
-5.6987

■ 5.0500, 14.2723,

-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 117.1140, 47.7648,
33.2260

■ 117.1140, 47.7648,
33.2260

■ 102.0960, 55.1687,
38.5038

■ 132.1320, 40.3609,
27.9482

■ 86.1920, 63.0093,
43.6816

■ 148.0360, 32.5203,
22.7704

■ 71.1740, 70.4132,
48.9594

■ 163.0540, 25.1164,
17.4926

■ 60.2760, 75.7859,
52.3779

■ 178.6590, 17.4231,
11.7001

■ 193.9760, 9.8718,
7.0370

■ 208.9940, 2.4680,
1.7593

■ 224.5990, -5.2253,
-4.0333

■ 239.9160,
-12.7766, -8.6963

■ 245.5420,
-15.5502, -5.7373

Harmonies

Analogous

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



95.3040, 75.7721, -83.5816



117.1140, 47.7648, 33.2260



95.4560, 29.3552, 104.8401

Triad

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



117.1140, 47.7648, 33.2260



108.9430, -53.7089, 53.5470



101.2860, 22.5370, -88.8278

Complementary

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



117.1140, 47.7648, 33.2260



175.8860, -47.7648, -33.2260

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.



92.0180, -7.8969, -80.6998



117.1140, 47.7648, 33.2260



105.6890, -52.1047, 5.5347

Square

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



117.1140, 47.7648, 33.2260



101.3610, -40.6040, 97.0304



79.8320, -39.3572, -70.0127



107.1800, 50.1973, -93.9969

Rectangle

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



117.1140, 47.7648, 33.2260



81.0110, 14.2916, 129.7864



79.8320, -39.3572, -70.0127



98.6640, 12.4906, -86.5283

Sweetspot

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



117.1140, 47.7648, 33.2260



220.5450, 16.9863, 11.8000



130.1970, 41.3149, -44.8998



106.5030, 10.5980, 7.4519



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.



117.1140, 47.7648, 33.2260



115.7070, 68.6714, 47.6150



133.9570, 36.0102, 70.1977



99.0480, 3.9203, 2.5889



48.1980, 60.5414, 41.9224



12.0780, 15.2445, 10.4556

Inverse Universe

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



126.0910, 5.8711, 77.0962



128.6960, 8.5309, 110.7686



159.0430, -36.0102, -70.1977



99.8590, 0.5625, 6.2627



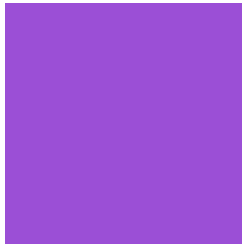
59.6790, 7.5533, 97.6285



15.0230, 1.9607, 24.5358

Previews

White Background



This preview shows how the YUV color 117.1140, 47.7648, 33.2260 looks on a white background.

Color Contrast Check

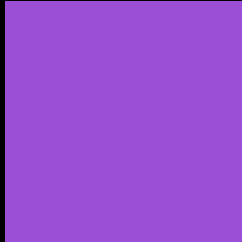
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.1140, 47.7648, 33.2260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

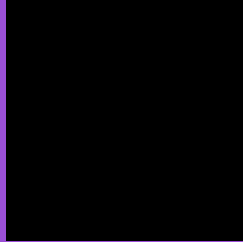
Any Text WCAG AA × Fail

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 117.1140, 47.7648, 33.2260 Background



This preview shows how black text looks on a background with the YUV color 117.1140, 47.7648, 33.2260.



This preview shows how white text looks on a background with the YUV color 117.1140, 47.7648,

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

117.1140, 47.7648, 33.2260

Protanopia

92.8760, 71.5461, -81.4523

Deuteranopia

102.3180, 51.1152, -61.6689



Tritanopia

117.8820, -0.9278, 17.6435

Trichromacy



Original Color

117.1140, 47.7648, 33.2260



Protanomaly

101.5500, 62.8329, -39.9473



Deuteranomaly

107.8970, 49.8438, -27.0967



Tritanomaly

117.3230, 17.0958, 23.3957

Monochromacy



Original Color

117.1140, 47.7648, 33.2260



Achromatopsia

117.0000, 0.0000, 0.0000



Achromatomaly

116.9580, 17.2757, 12.3148

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.1140, 47.7648, 33.2260 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(155, 79, 214)` looks like.

```
.text, #text, p{  
    color:rgb(155, 79, 214)  
}
```

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(155, 79, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 79, 214) }
```

Border

The CSS property to change the border of an element to YUV 117.1140, 47.7648, 33.2260 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(155, 79, 214) }
```


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

```
.border{ border-color:rgb(155, 79, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 79, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 79, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 79, 214);  
box-shadow:4px 4px 4px 4px rgb(155, 79,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 117.1140, 47.7648, 33.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 79, 214) }
```

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

```
.background{ background-color: rgb(155, 79,  
214) }
```

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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