

Converting Colors

YUV(103.2480, 58.0517,
47.1405)

Have a look what the booklet for
YUV(103.2480, 58.0517, 47.1405)
contains.

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Color

**YUV(103.2480, 58.0517,
47.1405)**

Conversions

Conversions Part 1

Format	Color
Hex	9D35DD
RGB	157, 53, 221
RGB Percent	62%, 21%, 87%
CMY	0.3843, 0.7922, 0.1333
CMYK	0.29, 0.76, 0.00, 0.13
HSL	277°, 71%, 54%
HSV	277°, 76%, 87%
XYZ	28.2289, 14.9348, 69.8015
YIQ	103.2480, 8.0560, 74.2960

Conversions

Conversions Part 2

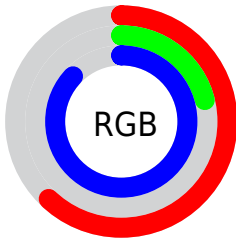
Format	Color
R_{YB}	157, 53, 221
Decimal	10302941
CIE _{Lab}	45.54, 68.32, -66.34
CIE _{LCh}	46, 95.227, 315.842
Yxy	14.9348, 0.2499, 0.1322
Android (android.graphics.Color)	4288493021 (0xFF9D35DD)
YUV	103.2480, 58.0517, 47.1405
Hunter-Lab	38.6455, 62.7568, -80.0376

Details

The YUV color **103.2480, 58.0517, 47.1405** 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 **170.7520, -58.0517, -47.1405**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.2240, 47.7106, 50.6696**, and **48.4110, 57.4784, 44.3666** is the 20% darker color. If you saturate the color by 10%, you get **87.9420, 65.5976, 53.5479**, and if you desaturate by 10%, it is **118.5540, 50.5059, 40.7331**.

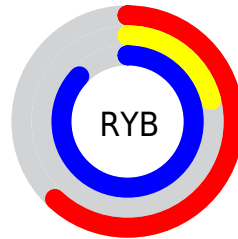
Distribution



Red (62%)

Green (21%)

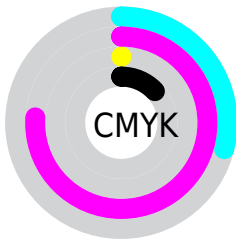
Blue (87%)



Red (62%)

Yellow (21%)

Blue (87%)

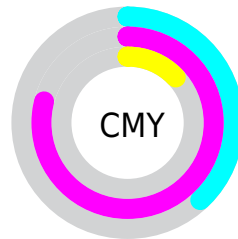


Cyan (29%)

Magenta (76%)

Yellow (0%)

Black (13%)



Cyan (38%)

Magenta (79%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.2480, 58.0517, 47.1405 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 103.2480, 58.0517, 47.1405 by changing the saturation by 10% instead.

103.2480, 58.0517,
47.1405

103.2480, 58.0517,
47.1405

255.0000, 0.0000,
0.0000

69.6660, 60.8037,
51.1589

158.2240, 47.7106,
50.6696

48.4110, 57.4784,
44.3666

183.6300, 35.1854,
54.6985

36.3630, 50.1070,
28.6226

202.7570, 25.7558,
45.8171

23.7170, 43.0305,
11.6492

219.7800, 17.3635,
30.8879

9.8040, 37.5646,
-8.5981

236.8030, 8.9711,
15.9588

7.5410, 26.3553,
-6.6135

254.4130, 0.2894,

6.2070, 16.1669,

0.5148

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 103.2480, 58.0517,
47.1405

■ 103.2480, 58.0517,
47.1405

■ 87.9420, 65.5976,
53.5479

■ 118.5540, 50.5059,
40.7331

■ 72.3370, 73.2909,
59.3405

■ 134.1590, 42.8126,
34.9406

■ 66.1570, 76.3376,
62.1293

■ 149.4650, 35.2668,
28.5332

■ 165.0700, 27.5735,
22.7406

■ 180.9630, 19.7382,
15.8184

■ 196.5680, 12.0450,
10.0259

■ 211.8740, 4.4991,
3.6185

■ 227.1800, -3.0467,
-2.7889

■ 242.7850,
-10.7400, -8.5814

Harmonies

Analogous

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



90.7050, 80.9974, -79.5483



103.2480, 58.0517, 47.1405



84.2610, 31.9163, 123.4281

Triad

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



103.2480, 58.0517, 47.1405



101.2680, -49.9251, 53.2620



98.1060, 25.5837, -86.0390

Complementary

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



103.2480, 58.0517, 47.1405



170.7520, -58.0517, -47.1405

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.



87.2420, -10.9653, -76.5112



103.2480, 58.0517, 47.1405



96.1870, -47.4202, -3.6720

Square

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



103.2480, 58.0517, 47.1405



80.1230, -39.5006, 116.5331



76.3100, -37.6208, -66.9239



105.8410, 57.7594, -92.8226

Rectangle

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



103.2480, 58.0517, 47.1405



82.4050, 6.7023, 137.3338



76.3100, -37.6208, -66.9239



94.9140, 13.3534, -83.2396

Sweetspot

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



103.2480, 58.0517, 47.1405



213.7890, 20.3170, 16.8480



109.7200, 54.8610, -49.7434



102.6820, 12.4818, 9.9259



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.



103.2480, 58.0517, 47.1405



92.5040, 80.1105, 65.3330



120.1040, 39.8817, 88.4858



102.0480, 3.9203, 2.5889



51.7150, 59.7935, 48.4849



13.6160, 15.9653, 12.6148

Inverse Universe

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



110.5280, 3.1907, 96.8839



102.4000, 4.2398, 133.8302



153.8960, -39.8817, -88.4858



102.7450, 0.1257, 6.3626



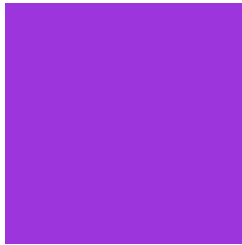
59.2510, 3.3273, 99.7579



15.6920, 0.6448, 26.5801

Previews

White Background



This preview shows how the YUV color 103.2480, 58.0517, 47.1405 looks on a white background.

Color Contrast Check

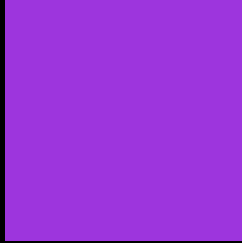
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.2480, 58.0517, 47.1405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

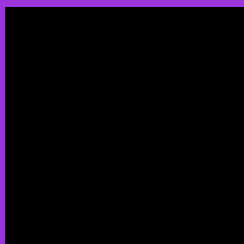
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.2480, 58.0517, 47.1405

Background



This preview shows how black text looks on a background with the YUV color 103.2480, 58.0517, 47.1405.



This preview shows how white text looks on a background with the YUV color 103.2480, 58.0517,

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

103.2480, 58.0517, 47.1405

Protanopia

86.1280, 65.9989, -75.5343

Deuteranopia

87.0450, 51.7428, -76.3385



Tritanopia

109.7580, -2.8387, 23.8912

Trichromacy



Original Color

103.2480, 58.0517, 47.1405



Protanomaly

92.0180, 63.0951, -30.7108



Deuteranomaly

93.0150, 54.2226, -31.5852



Tritanomaly

107.3610, 19.5420, 32.1324

Monochromacy



Original Color

103.2480, 58.0517, 47.1405



Achromatopsia

103.0000, 0.0000, 0.0000



Achromatomaly

103.3160, 21.0432, 17.2629

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.2480, 58.0517, 47.1405 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(157, 53, 221)` looks like.

```
.text, #text, p{  
    color:rgb(157, 53, 221)  
}
```

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(157, 53, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 53, 221) }
```

Border

The CSS property to change the border of an element to YUV 103.2480, 58.0517, 47.1405 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(157, 53, 221) }
```


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

```
.border{ border-color:rgb(157, 53, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 53, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 53, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 53, 221);  
box-shadow:4px 4px 4px 4px rgb(157, 53,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 103.2480, 58.0517, 47.1405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 53, 221) }
```

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

```
.background{ background-color: rgb(157, 53,  
221) }
```

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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