

Converting Colors

YUV(103.8330, 6.9843, 46.6275)

Have a look what the booklet for
YUV(103.8330, 6.9843, 46.6275)
contains.

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Color

**YUV(103.8330, 6.9843,
46.6275)**

Conversions

Conversions Part 1

Format	Color
Hex	9D4A76
RGB	157, 74, 118
RGB Percent	62%, 29%, 46%
CMY	0.3843, 0.7098, 0.5373
CMYK	0.00, 0.53, 0.25, 0.38
HSL	328°, 36%, 45%
HSV	328°, 53%, 62%
XYZ	19.6234, 13.3737, 18.6866
YIQ	103.8330, 35.3440, 31.2800

Conversions

Conversions Part 2

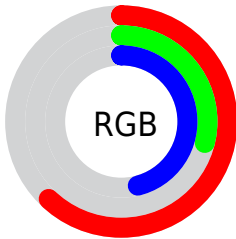
Format	Color
RYB	157, 74, 118
Decimal	10308214
CIELab	43.32, 39.82, -8.87
CIELCh	43, 40.798, 347.448
Yxy	13.3737, 0.3797, 0.2588
Android (android.graphics.Color)	4288498294 (0xFF9D4A76)
YUV	103.8330, 6.9843, 46.6275
Hunter-Lab	36.5700, 31.7853, -4.6972

Details

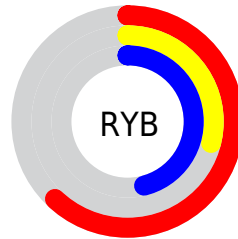
The YUV color **103.8330, 6.9843, 46.6275** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **127.1670, -6.9843, -46.6275**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.3280, 6.2473, 49.7013**, and **51.6910, 9.0263, 44.9980** is the 20% darker color. If you saturate the color by 10%, you get **93.6430, 8.5570, 55.5641**, and if you desaturate by 10%, it is **114.0230, 5.4117, 37.6908**.

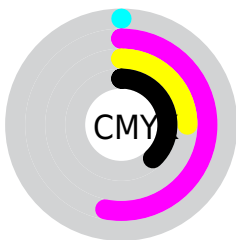
Distribution



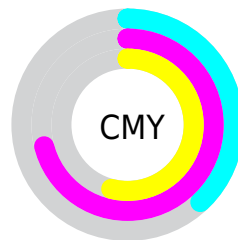
- Red (62%)
- Green (29%)
- Blue (46%)



- Red (62%)
- Yellow (29%)
- Blue (46%)



- Cyan (0%)
- Magenta (53%)
- Yellow (25%)
- Black (38%)



- Cyan (38%)
- Magenta (71%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.8330, 6.9843, 46.6275 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 103.8330, 6.9843, 46.6275 by changing the saturation by 10% instead.


 103.8330, 6.9843,
46.6275


 103.8330, 6.9843,
46.6275


255.0000, 0.0000,
0.0000

 78.2350, 7.2791,
45.3979

 157.3280, 6.2473,
49.7013


 51.6910, 9.0263,
44.9980


 184.3390, 6.2419,
51.4457


 28.3810, 9.1792,
42.6389

 207.5550, 8.6004,
41.6093

 18.9250, 3.9810,
29.8838

 227.2970, 13.1646,
24.2955

 6.8770, -3.3904,
14.1399

 244.4340, 5.2090,
9.2664

 0.0000, 0.0000,
0.0000

■ 103.8330, 6.9843,
46.6275

■ 103.8330, 6.9843,
46.6275

■ 93.6430, 8.5570,
55.5641

■ 114.0230, 5.4117,
37.6908

■ 83.9260, 9.4035,
64.0859

■ 123.7400, 4.5652,
29.1690

■ 73.7360, 10.9762,
73.0225

■ 133.9300, 2.9925,
20.2324

■ 63.4320, 12.1120,
82.0591

■ 144.2340, 1.8566,
11.1958

■ 56.4050, 13.1113,
88.2218

■ 154.4240, 0.2840,
2.2592

■ 164.0270, -0.9993,
-6.1627

■ 174.3310, -2.1352,
-15.1993

■ 184.5210, -3.7079,

-24.1359

■ 194.1240, -4.9911,
-32.5577

Harmonies

Analogous

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



105.3380, 21.0324, 20.7516



103.8330, 6.9843, 46.6275



101.7620, -8.7567, 55.4597

Triad

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



103.8330, 6.9843, 46.6275



97.0690, -31.5860, 4.3245



85.8930, 32.0978, -75.3282

Complementary

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



103.8330, 6.9843, 46.6275



127.1670, -6.9843, -46.6275

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.



83.7610, 18.8518, -73.4584



103.8330, 6.9843, 46.6275



91.9110, -18.6901, -25.3549

Square

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



103.8330, 6.9843, 46.6275



99.9950, -32.5355, 28.9454



79.1840, 3.8533, -69.4444



83.7220, 41.5491, -73.4242

Rectangle

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



103.8330, 6.9843, 46.6275



101.3950, -18.9287, 51.3966



79.1840, 3.8533, -69.4444



85.5680, 28.3140, -75.0431

Sweetspot

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



103.8330, 6.9843, 46.6275



182.9190, 2.9979, 18.4880



95.1230, 30.5054, 15.6781



89.8210, 1.5672, 10.6810



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



103.8330, 6.9843, 46.6275



121.4370, 11.1236, 72.4078



99.1590, -10.9244, 50.7266



73.8480, 0.5679, 4.5183



51.4210, 12.1174, 80.3148



5.3970, 1.2833, 8.4218

Inverse Universe

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



103.8330, 6.9843, 46.6275



121.4370, 11.1236, 72.4078



131.8410, 10.9244, -50.7266



73.8480, 0.5679, 4.5183



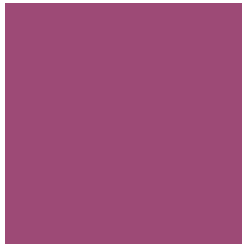
51.4210, 12.1174, 80.3148



5.3970, 1.2833, 8.4218

Previews

White Background



This preview shows how the YUV color 103.8330, 6.9843, 46.6275 looks on a white background.

Color Contrast Check

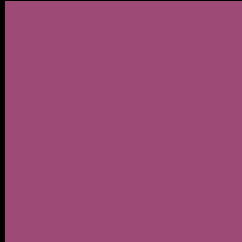
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.8330, 6.9843, 46.6275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

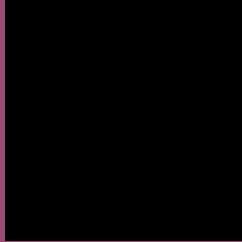
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.8330, 6.9843, 46.6275

Background



This preview shows how black text looks on a background with the YUV color 103.8330, 6.9843, 46.6275.



This preview shows how white text looks on a background with the YUV color 103.8330, 6.9843,

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

103.8330, 6.9843, 46.6275

Protanopia

103.2990, 16.6146, -9.0322

Deuteranopia

103.9880, 4.9359, 3.5185



Tritanopia

103.3970, -8.5767, 44.3788

Trichromacy



Original Color

103.8330, 6.9843, 46.6275

Protanomaly

103.5080, 13.0606, 10.9555

Deuteranomaly

104.2010, 5.3239, 19.1177

Tritanomaly

103.3030, -2.6144, 45.3383

Monochromacy



Original Color

103.8330, 6.9843, 46.6275

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.7940, 2.5666, 16.8437

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.8330, 6.9843, 46.6275 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, 74, 118)` looks like.

```
.text, #text, p{  
    color:rgb(157, 74, 118)  
}
```

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, 74, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 74, 118) }
```

Border

The CSS property to change the border of an element to YUV 103.8330, 6.9843, 46.6275 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, 74, 118) }
```


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

```
.border{ border-color:rgb(157, 74, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 74, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 74, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 74, 118);  
box-shadow:4px 4px 4px 4px rgb(157, 74,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 103.8330, 6.9843, 46.6275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 74, 118) }
```

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

```
.background{ background-color: rgb(157, 74,  
118) }
```

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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