

Converting Colors

YUV(112.8370, 7.4754, 29.0840)

Have a look what the booklet for
YUV(112.8370, 7.4754, 29.0840)
contains.

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Color

**YUV(112.8370, 7.4754,
29.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	925D80
RGB	146, 93, 128
RGB Percent	57%, 36%, 50%
CMY	0.4275, 0.6353, 0.4980
CMYK	0.00, 0.36, 0.12, 0.43
HSL	320°, 22%, 47%
HSV	320°, 36%, 57%
XYZ	19.6647, 15.4982, 22.3771
YIQ	112.8370, 20.3530, 22.1210

Conversions

Conversions Part 2

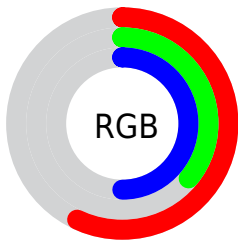
Format	Color
R_{YB}	146, 93, 128
Decimal	9592192
CIE _{Lab}	46.31, 27.15, -10.60
CIE _{LCh}	46, 29.144, 338.680
Yxy	15.4982, 0.3418, 0.2693
Android (android.graphics.Color)	4287782272 (0xFF925D80)
YUV	112.8370, 7.4754, 29.0840
Hunter-Lab	39.3678, 20.2694, -6.1437

Details

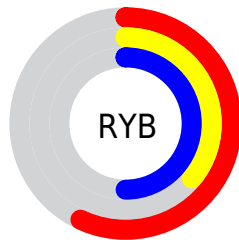
The YUV color **112.8370, 7.4754, 29.0840** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **126.1630, -7.4754, -29.0840**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.2610, 7.7593, 31.3431**, and **63.5270, 7.6282, 26.7248** is the 20% darker color. If you saturate the color by 10%, you get **103.4620, 9.6322, 37.3058**, and if you desaturate by 10%, it is **122.2120, 5.3185, 20.8621**.

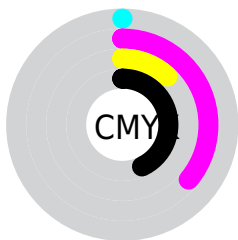
Distribution



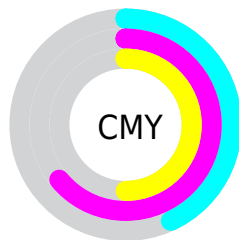
- Red (57%)
- Green (36%)
- Blue (50%)



- Red (57%)
- Yellow (36%)
- Blue (50%)



- Cyan (0%)
- Magenta (36%)
- Yellow (12%)
- Black (43%)



- Cyan (43%)
- Magenta (64%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.8370, 7.4754, 29.0840 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 112.8370, 7.4754, 29.0840 by changing the saturation by 10% instead.

 112.8370, 7.4754,
29.0840

 112.8370, 7.4754,
29.0840


255.0000, 0.0000,
0.0000


 88.1250, 7.3334,
27.9544

 165.2610, 7.7593,
31.3431

 63.5270, 7.6282,
26.7248


 192.5600, 7.6119,
31.9579


 40.2280, 7.7756,
26.1100

 220.0760, 8.3435,
30.6283

 17.6300, 8.0704,
24.8805

 238.5640, 8.1029,
14.4144

 7.5330, 1.7092,
11.8106

 0.0000, 0.0000,
0.0000

■ 112.8370, 7.4754,
29.0840

■ 112.8370, 7.4754,
29.0840

■ 103.4620, 9.6322,
37.3058

■ 122.2120, 5.3185,
20.8621

■ 94.6740, 11.4997,
45.0129

■ 131.0000, 3.4510,
13.1550

■ 85.2990, 13.6566,
53.2348

■ 140.3750, 1.2941,
4.9331

■ 76.5110, 15.5241,
60.9419

■ 149.1630, -0.5734,
-2.7740

■ 67.1360, 17.6810,
69.1637

■ 158.5380, -2.7302,
-10.9958

■ 57.7610, 19.8378,
77.3856


■ 167.9130, -4.8871,
-19.2177

■ 54.5980, 20.4112,
80.1596

■ 176.7010, -6.7546,
-26.9248

■ 186.0760, -8.9115,

-35.1467

 194.8640,
-10.7790, -42.8537

Harmonies

Analogous

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



112.6370, 17.4340, 8.2114



112.8370, 7.4754, 29.0840



111.5150, -4.1979, 39.8903

Triad

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



112.8370, 7.4754, 29.0840



107.6920, -23.0192, 9.9171



86.8730, 25.6986, -76.1876

Complementary

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



112.8370, 7.4754, 29.0840



126.1630, -7.4754, -29.0840

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.



91.1060, 12.2727, -63.2370



112.8370, 7.4754, 29.0840



104.2810, -16.4075, -10.7704

Square

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



112.8370, 7.4754, 29.0840



109.0300, -22.1998, 27.1607



99.6400, -4.2595, -33.8873



97.7110, 28.2435, -52.3665

Rectangle

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



112.8370, 7.4754, 29.0840



110.6800, -11.1812, 39.7456



99.6400, -4.2595, -33.8873



86.6620, 22.3516, -76.0026

Sweetspot

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



112.8370, 7.4754, 29.0840



175.8750, 3.0196, 11.5106



104.4240, 20.4970, 5.7672



86.5000, 1.7255, 6.5775



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



112.8370, 7.4754, 29.0840



137.0870, 11.7891, 45.5277



109.8730, -3.8814, 31.6834



69.5490, 0.7153, 3.9035



51.6360, 19.4065, 75.7412



3.7880, 1.5835, 5.4479

Inverse Universe

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



112.8370, 7.4754, 29.0840



137.0870, 11.7891, 45.5277



129.1270, 3.8814, -31.6834



69.5490, 0.7153, 3.9035



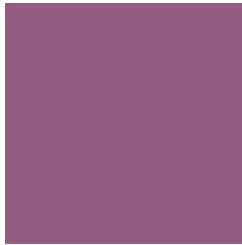
51.6360, 19.4065, 75.7412



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 112.8370, 7.4754, 29.0840 looks on a white background.

Color Contrast Check

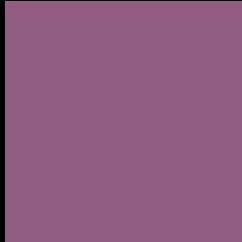
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.8370, 7.4754, 29.0840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

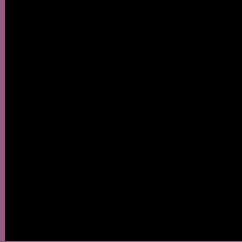
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.8370, 7.4754, 29.0840

Background



This preview shows how black text looks on a background with the YUV color 112.8370, 7.4754, 29.0840.



This preview shows how white text looks on a background with the YUV color 112.8370, 7.4754,

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

112.8370, 7.4754, 29.0840

Protanopia

110.6260, 13.9884, -6.6880

Deuteranopia

111.1450, 6.8305, 2.5038



Tritanopia

111.6660, -3.2863, 27.4799

Trichromacy



Original Color

112.8370, 7.4754, 29.0840

Protanomaly

111.4320, 11.6190, 6.6371

Deuteranomaly

111.9120, 6.9454, 12.3552

Tritanomaly

112.2900, 0.3500, 27.8097

Monochromacy



Original Color

112.8370, 7.4754, 29.0840

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.0490, 2.4408, 10.4810

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.8370, 7.4754, 29.0840 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(146, 93, 128)` looks like.

```
.text, #text, p{  
    color:rgb(146, 93, 128)  
}
```

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(146, 93, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 93, 128) }
```

Border

The CSS property to change the border of an element to YUV 112.8370, 7.4754, 29.0840 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(146, 93, 128) }
```


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

```
.border{ border-color:rgb(146, 93, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 93, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 93, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 93, 128); box-shadow:4px 4px 4px 4px rgb(146, 93, 128) }
```

Background

The CSS property to change the background color of an element to YUV 112.8370, 7.4754, 29.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 93, 128) }
```

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

```
.background{ background-color: rgb(146, 93,  
128) }
```

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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