

Converting Colors

YUV(103.7340, 30.6971,
47.5913)

Have a look what the booklet for
YUV(103.7340, 30.6971, 47.5913)
contains.

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Color

**YUV(103.7340, 30.6971,
47.5913)**

Conversions

Conversions Part 1

Format	Color
Hex	9E40A6
RGB	158, 64, 166
RGB Percent	62%, 25%, 65%
CMY	0.3804, 0.7490, 0.3490
CMYK	0.05, 0.61, 0.00, 0.35
HSL	295°, 44%, 45%
HSV	295°, 61%, 65%
XYZ	22.8169, 13.6891, 37.5161
YIQ	103.7340, 23.2820, 51.6500

Conversions

Conversions Part 2

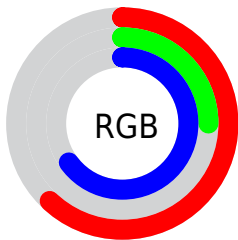
Format	Color
R_{YB}	158, 64, 166
Decimal	10371238
CIE _{Lab}	43.78, 53.06, -37.14
CIE _{LCh}	44, 64.765, 325.013
Yxy	13.6891, 0.3082, 0.1849
Android (android.graphics.Color)	4288561318 (0xFF9E40A6)
YUV	103.7340, 30.6971, 47.5913
Hunter-Lab	36.9987, 45.3320, -34.2199

Details

The YUV color **103.7340, 30.6971, 47.5913** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **126.2660, -30.6971, -47.5913**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.8590, 31.1285, 49.2357**, and **43.6790, 34.1753, 52.0245** is the 20% darker color. If you saturate the color by 10%, you get **93.4560, 35.7642, 55.7281**, and if you desaturate by 10%, it is **114.0120, 25.6301, 39.4545**.

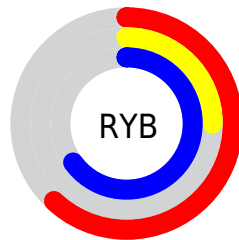
Distribution



Red (62%)

Green (25%)

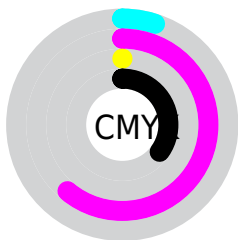
Blue (65%)



Red (62%)

Yellow (25%)

Blue (65%)

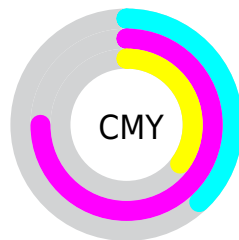


Cyan (5%)

Magenta (61%)

Yellow (0%)

Black (35%)



Cyan (38%)

Magenta (75%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.7340, 30.6971, 47.5913 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 103.7340, 30.6971, 47.5913 by changing the saturation by 10% instead.

103.7340, 30.6971,
47.5913

103.7340, 30.6971,
47.5913

255.0000, 0.0000,
0.0000

75.8480, 31.1339,
47.4913

158.8590, 31.1285,
49.2357

43.6790, 34.1753,
52.0245

186.5710, 31.2705,
50.3652

33.1690, 27.5247,
38.4398

206.2790, 24.0195,
42.7283

22.9580, 20.7267,
25.4698

223.3020, 15.6271,
27.7991

12.5620, 14.5129,
11.7851

239.7380, 7.5242,
13.3848

2.8670, 8.4466,
-2.5144

0.0000, 0.0000,

0.0000

■ 103.7340, 30.6971,
47.5913

■ 103.7340, 30.6971,
47.5913

■ 93.4560, 35.7642,
55.7281

■ 114.0120, 25.6301,
39.4545

■ 83.4660, 40.6893,
62.7353

■ 124.0020, 20.7050,
32.4472

■ 73.1880, 45.7563,
70.8721

■ 134.2800, 15.6380,
24.3104

■ 64.6710, 49.9552,
77.4645

■ 143.9710, 10.8603,
16.6884

■ 154.5480, 5.6458,
9.1664

■ 164.8260, 0.5788,
1.0296

■ 174.5170, -4.1989,
-6.5924

■ 184.7950, -9.2659,
-14.7292

■ 194.7850,
-14.1910, -21.7364

Harmonies

Analogous

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



100.3430, 50.1169, -21.3488



103.7340, 30.6971, 47.5913



91.6500, 11.5116, 88.0070

Triad

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



103.7340, 30.6971, 47.5913



97.2930, -47.9654, 31.3150



91.4210, 27.8934, -80.1762

Complementary

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



103.7340, 30.6971, 47.5913



126.2660, -30.6971, -47.5913

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.



84.5640, 4.1589, -74.1626



103.7340, 30.6971, 47.5913



91.4360, -45.0779, -8.2754

Square

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



103.7340, 30.6971, 47.5913



95.2080, -45.4585, 67.3466



75.6040, -20.0178, -66.3047



94.0890, 48.2701, -82.5161

Rectangle

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



103.7340, 30.6971, 47.5913



89.6280, -5.2396, 94.1652



75.6040, -20.0178, -66.3047



89.3690, 20.0311, -78.3766

Sweetspot

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



103.7340, 30.6971, 47.5913



193.2100, 11.7285, 18.2328



80.3240, 42.2383, -14.3161



95.3140, 7.2402, 11.1256



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



103.7340, 30.6971, 47.5913



118.6060, 48.5082, 74.8905



101.2240, 10.7356, 56.8086



79.0050, 2.4625, 3.5036



57.5360, 44.5988, 68.8129



7.9610, 5.9352, 9.6812

Inverse Universe

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



95.4100, -11.5411, 61.9074



105.6210, -18.0542, 97.6794



128.7760, -10.7356, -56.8086



78.3920, -1.1793, 4.9182



45.6200, -16.5747, 89.7873



6.2080, -2.0745, 12.0956

Previews

White Background



This preview shows how the YUV color 103.7340, 30.6971, 47.5913 looks on a white background.

Color Contrast Check

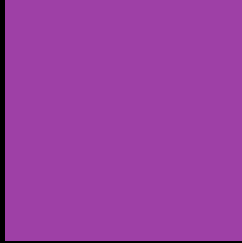
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.7340, 30.6971, 47.5913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

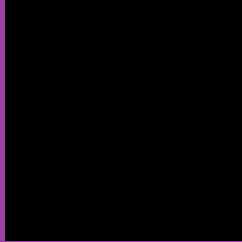
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.7340, 30.6971, 47.5913

Background



This preview shows how black text looks on a background with the YUV color 103.7340, 30.6971, 47.5913.



This preview shows how white text looks on a background with the YUV color 103.7340, 30.6971,

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

103.7340, 30.6971, 47.5913

Protanopia

95.9550, 51.7872, -43.8105

Deuteranopia

102.1970, 28.0039, -22.0978



Tritanopia

104.9340, -6.3765, 38.6459

Trichromacy



Original Color

103.7340, 30.6971, 47.5913



Protanomaly

99.1010, 43.8272, -10.6126



Deuteranomaly

102.4050, 29.3803, 3.1528



Tritanomaly

104.2130, 7.2900, 41.9092

Monochromacy



Original Color

103.7340, 30.6971, 47.5913



Achromatopsia

104.0000, 0.0000, 0.0000



Achromatomaly

103.7970, 11.4391, 17.7180

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.7340, 30.6971, 47.5913 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(158, 64, 166)` looks like.

```
.text, #text, p{  
    color:rgb(158, 64, 166)  
}
```

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(158, 64, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 64, 166) }
```

Border

The CSS property to change the border of an element to YUV 103.7340, 30.6971, 47.5913 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(158, 64, 166) }
```


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

```
.border{ border-color:rgb(158, 64, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 64, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 64, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 64, 166);  
box-shadow:4px 4px 4px 4px rgb(158, 64,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 103.7340, 30.6971, 47.5913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 64, 166) }
```

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

```
.background{ background-color: rgb(158, 64,  
166) }
```

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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