

Converting Colors

YUV(103.1170, 36.4243,
30.5924)

Have a look what the booklet for
YUV(103.1170, 36.4243, 30.5924)
contains.

YUV(103.1170, 36.4243, 30.5924)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(103.1170, 36.4243,
30.5924)**

Conversions

Conversions Part 1

Format	Color
Hex	8A47B1
RGB	138, 71, 177
RGB Percent	54%, 28%, 69%
CMY	0.4588, 0.7216, 0.3059
CMYK	0.22, 0.60, 0.00, 0.31
HSL	278°, 43%, 49%
HSV	278°, 60%, 69%
XYZ	20.6703, 13.0841, 43.0310
YIQ	103.1170, 5.9060, 47.1700

Conversions

Conversions Part 2

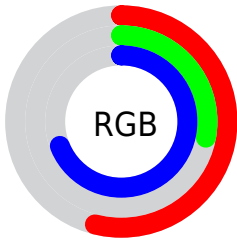
Format	Color
R_{YB}	138, 71, 177
Decimal	9062321
CIE _{Lab}	42.89, 46.85, -45.24
CIE _{LCh}	43, 65.122, 316.002
Yxy	13.0841, 0.2692, 0.1704
Android (android.graphics.Color)	4287252401 (0xFF8A47B1)
YUV	103.1170, 36.4243, 30.5924
Hunter-Lab	36.1719, 38.7022, -45.2125

Details

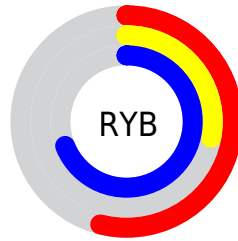
The YUV color **103.1170, 36.4243, 30.5924** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **144.8830, -36.4243, -30.5924**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.7690, 37.5819, 32.6516**, and **49.8180, 36.5717, 29.9776** is the 20% darker color. If you saturate the color by 10%, you get **90.4580, 42.6652, 35.5553**, and if you desaturate by 10%, it is **115.7760, 30.1834, 25.6294**.

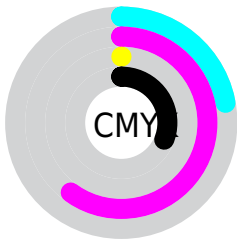
Distribution



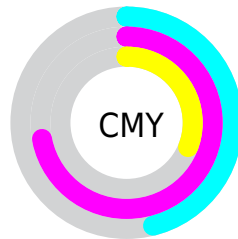
- Red (54%)
- Green (28%)
- Blue (69%)



- Red (54%)
- Yellow (28%)
- Blue (69%)



- Cyan (22%)
- Magenta (60%)
- Yellow (0%)
- Black (31%)



- Cyan (46%)
- Magenta (72%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.1170, 36.4243, 30.5924 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 103.1170, 36.4243, 30.5924 by changing the saturation by 10% instead.

103.1170, 36.4243,
30.5924

103.1170, 36.4243,
30.5924

255.0000, 0.0000,
0.0000

77.2910, 35.8455,
29.5628

156.7690, 37.5819,
32.6516

49.8180, 36.5717,
29.9776

183.2100, 35.3925,
34.8958

28.5140, 34.2566,
25.8592

208.3170, 23.0147,
38.3100

18.3030, 27.4586,
12.8893

225.6500, 14.4696,
25.7400

5.7000, 21.8399,
-4.9989

242.6730, 6.0772,
10.8108

4.3660, 11.6516,
-3.8290

0.0000, 0.0000,

0.0000

■ 103.1170, 36.4243,
30.5924

■ 103.1170, 36.4243,
30.5924

■ 90.4580, 42.6652,
35.5553

■ 115.7760, 30.1834,
25.6294

■ 78.6850, 48.4693,
40.6183

■ 127.5490, 24.3793,
20.5665

■ 66.0260, 54.7102,
45.5812

■ 140.2080, 18.1385,
15.6036

■ 53.6660, 60.8037,
51.1589

■ 152.5680, 12.0450,
10.0259

■ 165.2270, 5.8041,
5.0629

■ 177.0000, 0.0000,
0.0000

■ 189.6590, -6.2409,
-4.9629

■ 202.0190,
-12.3344, -10.5407

■ 214.0910,
-18.2859, -14.9888

Harmonies

Analogous

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



81.0100, 61.6201, -71.0458



103.1170, 36.4243, 30.5924



91.7290, 18.3746, 80.0447

Triad

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



103.1170, 36.4243, 30.5924



95.8860, -47.2718, 42.1960



88.1950, 20.6099, -77.3470

Complementary

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



103.1170, 36.4243, 30.5924



144.8830, -36.4243, -30.5924

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.



80.5230, -3.7088, -70.6187



103.1170, 36.4243, 30.5924



92.3990, -45.5527, 4.0351

Square

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



103.1170, 36.4243, 30.5924



92.7110, -34.8605, 74.7985



75.0760, -32.5755, -51.8097



92.4930, 42.1550, -81.1164

Rectangle

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



103.1170, 36.4243, 30.5924



85.6310, 3.6329, 95.0396



75.0760, -32.5755, -51.8097



85.4420, 12.6001, -74.9326

Sweetspot

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



103.1170, 36.4243, 30.5924



200.5620, 14.5129, 11.7851



107.1510, 34.4356, -31.7044



97.3350, 8.7088, 6.7222



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



103.1170, 36.4243, 30.5924



114.3190, 57.0307, 47.9552



113.4100, 25.4339, 55.7684



82.8200, 3.0467, 2.7889



46.4450, 52.5316, 44.3367



7.7480, 8.9982, 7.2370

Inverse Universe

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



107.1400, 1.4100, 61.2672



120.5880, 2.1751, 95.9543



134.5900, -25.4339, -55.7684



83.1470, 0.4205, 5.1331



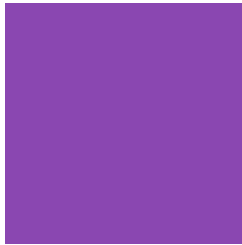
52.1310, 1.9074, 88.4621



8.8000, 0.0986, 15.0844

Previews

White Background



This preview shows how the YUV color 103.1170, 36.4243, 30.5924 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 103.1170, 36.4243, 30.5924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

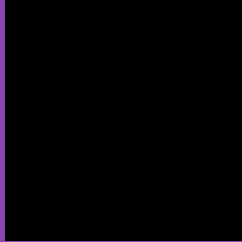
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.1170, 36.4243, 30.5924

Background



This preview shows how black text looks on a background with the YUV color 103.1170, 36.4243, 30.5924.



This preview shows how white text looks on a background with the YUV color 103.1170, 36.4243, 30.5924.

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

103.1170, 36.4243, 30.5924

Protanopia

88.9690, 57.2033, -54.3468

Deuteranopia

95.5140, 37.2146, -36.4078



Tritanopia

103.6650, -1.8068, 19.5878

Trichromacy



Original Color

103.1170, 36.4243, 30.5924

Protanomaly

93.9190, 49.8329, -23.6080

Deuteranomaly

98.5540, 36.7019, -11.8869

Tritanomaly

103.3570, 12.1490, 23.3659

Monochromacy



Original Color

103.1170, 36.4243, 30.5924

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.9210, 13.3499, 11.4703

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.1170, 36.4243, 30.5924 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(138, 71, 177)` looks like.

```
.text, #text, p{  
    color:rgb(138, 71, 177)  
}
```

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(138, 71, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 71, 177) }
```

Border

The CSS property to change the border of an element to YUV 103.1170, 36.4243, 30.5924 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(138, 71, 177) }
```


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

```
.border{ border-color:rgb(138, 71, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 71, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 71, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 71, 177);  
box-shadow:4px 4px 4px 4px rgb(138, 71,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 103.1170, 36.4243, 30.5924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 71, 177) }
```

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

```
.background{ background-color: rgb(138, 71,  
177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor