

Converting Colors

YUV(103.3660, 42.2176,
39.1440)

Have a look what the booklet for
YUV(103.3660, 42.2176, 39.1440)
contains.

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Color

**YUV(103.3660, 42.2176,
39.1440)**

Conversions

Conversions Part 1

Format	Color
Hex	9440BD
RGB	148, 64, 189
RGB Percent	58%, 25%, 74%
CMY	0.4196, 0.7490, 0.2588
CMYK	0.22, 0.66, 0.00, 0.26
HSL	280°, 49%, 50%
HSV	280°, 66%, 74%
XYZ	23.2314, 13.6368, 49.5518
YIQ	103.3660, 9.9390, 56.6830

Conversions

Conversions Part 2

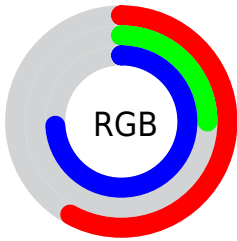
Format	Color
R_{YB}	148, 64, 189
Decimal	9715901
CIE _{Lab}	43.71, 55.26, -50.89
CIE _{LCh}	44, 75.125, 317.355
Yxy	13.6368, 0.2688, 0.1578
Android (android.graphics.Color)	4287905981 (0xFF9440BD)
YUV	103.3660, 42.2176, 39.1440
Hunter-Lab	36.9281, 47.6703, -53.7085

Details

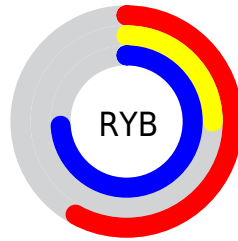
The YUV color **103.3660, 42.2176, 39.1440** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **149.6340, -42.2176, -39.1440**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.0180, 43.3751, 41.2032**, and **43.1970, 45.2589, 43.6772** is the 20% darker color. If you saturate the color by 10%, you get **90.4190, 48.6004, 45.2365**, and if you desaturate by 10%, it is **116.3130, 35.8347, 33.0515**.

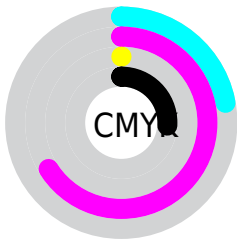
Distribution



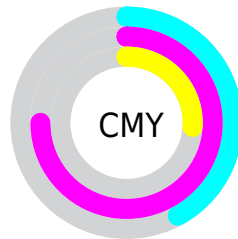
- Red (58%)
- Green (25%)
- Blue (74%)



- Red (58%)
- Yellow (25%)
- Blue (74%)



- Cyan (22%)
- Magenta (66%)
- Yellow (0%)
- Black (26%)



- Cyan (42%)
- Magenta (75%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.3660, 42.2176, 39.1440 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 103.3660, 42.2176, 39.1440 by changing the saturation by 10% instead.

103.3660, 42.2176,
39.1440

103.3660, 42.2176,
39.1440

255.0000, 0.0000,
0.0000

75.4800, 42.6544,
39.0440

158.0180, 43.3751,
41.2032

43.1970, 45.2589,
43.6772

183.5640, 35.2179,
44.2324

32.1600, 37.8821,
29.6777

206.2790, 24.0195,
42.7283

21.2370, 30.9422,
15.5782

222.7150, 15.9165,
28.3139

8.0360, 25.6183,
-3.5396

239.7380, 7.5242,
13.3848

5.3920, 15.5827,
-4.7288

2.0690, 5.3890,

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 103.3660, 42.2176,
39.1440

■ 103.3660, 42.2176,
39.1440

■ 90.4190, 48.6004,
45.2365

■ 116.3130, 35.8347,
33.0515

■ 77.4720, 54.9833,
51.3291

■ 129.2600, 29.4518,
26.9590

■ 64.2260, 61.5136,
56.8068

■ 142.5060, 22.9215,
21.4812

■ 59.5190, 63.8341,
59.1808

■ 155.4530, 16.5387,
15.3887

■ 168.4000, 10.1558,
9.2962

■ 180.7600, 4.0623,
3.7185

■ 193.7070, -2.3206,
-2.3740

■ 206.9530, -8.8508,
-7.8518

■ 219.9000,
-15.2337, -13.9443

Harmonies

Analogous

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



83.6490, 69.1930, -73.3602



103.3660, 42.2176, 39.1440



74.2500, 28.4707, 108.5288

Triad

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



103.3660, 42.2176, 39.1440



97.6690, -48.1508, 44.1403



91.5690, 23.3835, -80.3060

Complementary

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



103.3660, 42.2176, 39.1440



149.6340, -42.2176, -39.1440

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.



82.9850, -4.4296, -72.7778



103.3660, 42.2176, 39.1440



92.9640, -45.8313, 0.0316

Square

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



103.3660, 42.2176, 39.1440



89.7850, -43.7710, 86.1346



71.6140, -35.3057, -62.8055



96.7790, 48.4230, -84.8752

Rectangle

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



103.3660, 42.2176, 39.1440



72.8650, 8.9406, 119.3904



71.6140, -35.3057, -62.8055



89.1750, 14.2107, -78.2065

Sweetspot

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



103.3660, 42.2176, 39.1440



211.4530, 16.5387, 15.3887



102.9040, 42.4453, -34.1188



102.2860, 9.7190, 9.3962



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



103.3660, 42.2176, 39.1440



111.9860, 65.5759, 60.5253



113.2310, 27.0011, 66.4494



87.8200, 3.0467, 2.7889



49.7060, 53.3889, 49.3698



9.8130, 10.4452, 9.8110

Inverse Universe

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



106.0490, -0.5172, 72.7480



116.3020, -0.6419, 112.8681



139.7690, -27.0011, -66.4494



88.0330, -0.0163, 5.2331



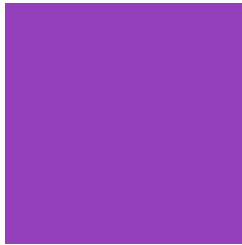
53.1700, -0.5768, 91.9359



10.4090, -0.2016, 18.0583

Previews

White Background



This preview shows how the YUV color 103.3660, 42.2176, 39.1440 looks on a white background.

Color Contrast Check

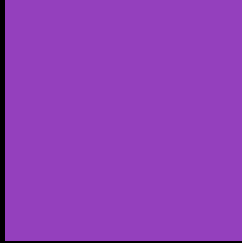
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.3660, 42.2176, 39.1440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

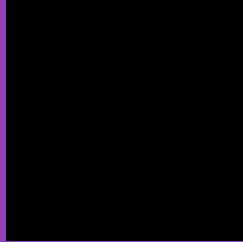
Any Text WCAG AA × Fail

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 103.3660, 42.2176, 39.1440 Background



This preview shows how black text looks on a background with the YUV color 103.3660, 42.2176, 39.1440.



This preview shows how white text looks on a background with the YUV color 103.3660, 42.2176,

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

103.3660, 42.2176, 39.1440

Protanopia

82.8680, 63.6621, -72.6752

Deuteranopia

93.9300, 42.9255, -48.1736



Tritanopia

105.3560, -3.1335, 25.1208

Trichromacy



Original Color

103.3660, 42.2176, 39.1440



Protanomaly

90.4710, 55.9698, -31.9851



Deuteranomaly

97.4270, 42.6805, -16.1605



Tritanomaly

104.7430, 13.4377, 30.0434

Monochromacy



Original Color

103.3660, 42.2176, 39.1440



Achromatopsia

103.0000, 0.0000, 0.0000



Achromatomaly

103.1000, 15.2337, 13.9443

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.3660, 42.2176, 39.1440 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(148, 64, 189)` looks like.

```
.text, #text, p{  
    color:rgb(148, 64, 189)  
}
```

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(148, 64, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 64, 189) }
```

Border

The CSS property to change the border of an element to YUV 103.3660, 42.2176, 39.1440 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(148, 64, 189) }
```


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

```
.border{ border-color:rgb(148, 64, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 64, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 64, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 64, 189);  
box-shadow:4px 4px 4px 4px rgb(148, 64,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 103.3660, 42.2176, 39.1440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 64, 189) }
```

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

```
.background{ background-color: rgb(148, 64,  
189) }
```

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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