

Converting Colors

YUV(103.8880, 37.0302,
22.9002)

Have a look what the booklet for
YUV(103.8880, 37.0302, 22.9002)
contains.

YUV(103.8880, 37.0302, 22.9002)	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(103.8880, 37.0302,
22.9002)**

Conversions

Conversions Part 1

Format	Color
Hex	824CB3
RGB	130, 76, 179
RGB Percent	51%, 30%, 70%
CMY	0.4902, 0.7020, 0.2980
CMYK	0.27, 0.58, 0.00, 0.30
HSL	271°, 40%, 50%
HSV	271°, 58%, 70%
XYZ	19.9270, 13.1694, 44.1395
YIQ	103.8880, -0.8790, 43.4810

Conversions

Conversions Part 2

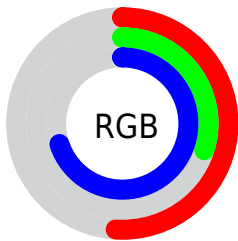
Format	Color
R_{YB}	130, 76, 179
Decimal	8539315
CIE _{Lab}	43.02, 42.65, -46.27
CIE _{LCh}	43, 62.923, 312.670
Yxy	13.1694, 0.2580, 0.1705
Android (android.graphics.Color)	4286729395 (0xFF824CB3)
YUV	103.8880, 37.0302, 22.9002
Hunter-Lab	36.2896, 34.5095, -46.7123

Details

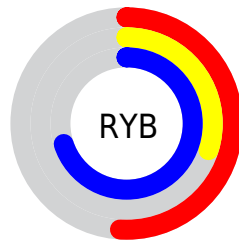
The YUV color **103.8880, 37.0302, 22.9002** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **151.1120, -37.0302, -22.9002**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.9530, 38.4772, 25.4742**, and **52.2360, 35.8727, 20.8410** is the 20% darker color. If you saturate the color by 10%, you get **90.6310, 43.5659, 26.6336**, and if you desaturate by 10%, it is **117.1450, 30.4945, 19.1668**.

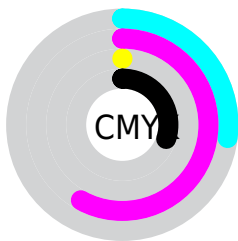
Distribution



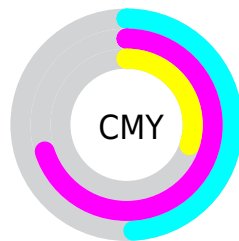
- Red (51%)
- Green (30%)
- Blue (70%)



- Red (51%)
- Yellow (30%)
- Blue (70%)



- Cyan (27%)
- Magenta (58%)
- Yellow (0%)
- Black (30%)



- Cyan (49%)
- Magenta (70%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.8880, 37.0302, 22.9002 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 103.8880, 37.0302, 22.9002 by changing the saturation by 10% instead.

■ 103.8880, 37.0302,
22.9002

■ 103.8880, 37.0302,
22.9002

■ 255.0000, 0.0000,
0.0000

■ 78.0620, 36.4514,
21.8706

■ 156.9530, 38.4772,
25.4742

■ 52.2360, 35.8727,
20.8410

■ 183.4540, 35.2722,
26.7888

■ 26.3500, 36.3095,
20.7410

■ 207.9740, 23.1838,
30.7178

■ 15.7260, 29.2221,
7.2563

■ 227.9980, 13.3120,
23.6808

■ 5.9280, 22.7135,
-5.1989

■ 245.0210, 4.9196,
8.7516

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,

0.0000

■ 103.8880, 37.0302,
22.9002

■ 103.8880, 37.0302,
22.9002

■ 90.6310, 43.5659,
26.6336

■ 117.1450, 30.4945,
19.1668

■ 77.6730, 49.9542,
30.9818

■ 130.1030, 24.1062,
14.8187

■ 64.4160, 56.4899,
34.7152

■ 143.3600, 17.5705,
11.0853

■ 51.4580, 62.8782,
39.0633

■ 156.3180, 11.1822,
6.7371

■ 48.5120, 64.3306,
39.8930

■ 168.9880, 4.9359,
3.5185

■ 181.9460, -1.4524,
-0.8296

■ 195.2030, -7.9881,
-4.5630

■ 208.1610,
-14.3764, -8.9112

■ 221.4180,
-20.9121, -12.6446

Harmonies

Analogous

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



82.5430, 59.8783, -72.3902



103.8880, 37.0302, 22.9002



95.5000, 18.9805, 72.3525

Triad

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



103.8880, 37.0302, 22.9002



95.9080, -47.2826, 45.6847



86.8100, 17.8417, -76.1324

Complementary

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



103.8880, 37.0302, 22.9002



151.1120, -37.0302, -22.9002

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.



79.3660, -5.6034, -69.6040



103.8880, 37.0302, 22.9002



93.0190, -45.8584, 8.7533

Square

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



103.8880, 37.0302, 22.9002



93.5630, -30.3506, 74.9282



81.0240, -36.9868, -36.8550



91.8090, 39.5342, -80.5165

Rectangle

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



103.8880, 37.0302, 22.9002



89.5270, 4.6702, 88.9918



81.0240, -36.9868, -36.8550



84.7580, 9.9793, -74.3328

Sweetspot

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



103.8880, 37.0302, 22.9002



203.4260, 14.0870, 8.3964



117.0920, 30.5206, -36.0377



100.2100, 8.2775, 5.0778



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



103.8880, 37.0302, 22.9002



115.3560, 57.5055, 35.6448



118.3110, 28.9337, 53.2243



82.5210, 3.1941, 2.1741



41.3620, 55.0375, 33.8855



6.8510, 9.4405, 5.3927

Inverse Universe

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



112.3830, 6.2202, 58.4231



128.5040, 9.6115, 90.7660



136.6890, -28.9337, -53.2243



83.2610, 0.8573, 5.0331



54.0690, 9.3330, 86.7625



9.1420, 1.4090, 14.7845

Previews

White Background



This preview shows how the YUV color 103.8880, 37.0302, 22.9002 looks on a white background.

Color Contrast Check

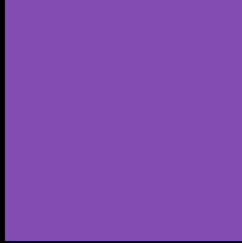
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.8880, 37.0302, 22.9002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

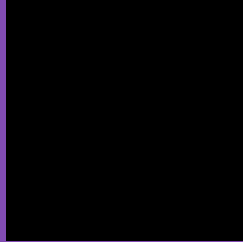
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.8880, 37.0302, 22.9002

Background



This preview shows how black text looks on a background with the YUV color 103.8880, 37.0302, 22.9002.



This preview shows how white text looks on a background with the YUV color 103.8880, 37.0302, 22.9002.

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

103.8880, 37.0302, 22.9002

Protanopia

91.0190, 54.7136, -49.1287

Deuteranopia

94.9480, 38.9726, -40.2964



Tritanopia

103.1910, 0.3988, 12.1105

Trichromacy



Original Color

103.8880, 37.0302, 22.9002

Protanomaly

95.8760, 48.3751, -22.6933

Deuteranomaly

97.9770, 38.4653, -17.5198

Tritanomaly

103.6550, 13.4811, 16.0886

Monochromacy



Original Color

103.8880, 37.0302, 22.9002

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.8990, 13.3608, 7.9816

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.8880, 37.0302, 22.9002 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(130, 76, 179)` looks like.

```
.text, #text, p{  
    color:rgb(130, 76, 179)  
}
```

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(130, 76, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 76, 179) }
```

Border

The CSS property to change the border of an element to YUV 103.8880, 37.0302, 22.9002 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(130, 76, 179) }
```


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

```
.border{ border-color:rgb(130, 76, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 76, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 76, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 76, 179);  
box-shadow:4px 4px 4px 4px rgb(130, 76,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 103.8880, 37.0302, 22.9002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 76, 179) }
```

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

```
.background{ background-color: rgb(130, 76,  
179) }
```

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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