

Converting Colors

YUV(103.2590, 34.3823,
32.2219)

Have a look what the booklet for
YUV(103.2590, 34.3823, 32.2219)
contains.

YUV(103.2590, 34.3823, 32.2219)	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(103.2590, 34.3823,
32.2219)**

Conversions

Conversions Part 1

Format	Color
Hex	8C47AD
RGB	140, 71, 173
RGB Percent	55%, 28%, 68%
CMY	0.4510, 0.7216, 0.3216
CMYK	0.19, 0.59, 0.00, 0.32
HSL	281°, 42%, 48%
HSV	281°, 59%, 68%
XYZ	20.6113, 13.0991, 40.9772
YIQ	103.2590, 8.3820, 46.3500

Conversions

Conversions Part 2

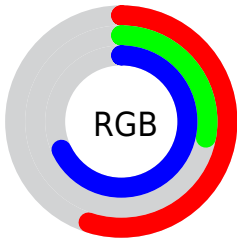
Format	Color
R _{YB}	140, 71, 173
Decimal	9193389
CIE _{Lab}	42.91, 46.46, -42.82
CIE _{LCh}	43, 63.188, 317.334
Y _{xy}	13.0991, 0.2760, 0.1754
Android (android.graphics.Color)	4287383469 (0xFF8C47AD)
YUV	103.2590, 34.3823, 32.2219
Hunter-Lab	36.1926, 38.3166, -41.7932

Details

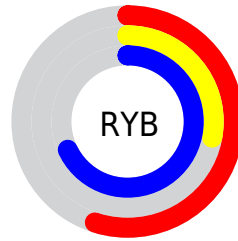
The YUV color **103.2590, 34.3823, 32.2219** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **140.7410, -34.3823, -32.2219**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.9110, 35.5399, 34.2811**, and **49.9600, 34.5297, 31.6071** is the 20% darker color. If you saturate the color by 10%, you get **91.4860, 40.1864, 37.2848**, and if you desaturate by 10%, it is **115.0320, 28.5782, 27.1589**.

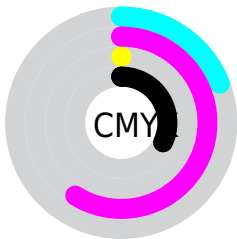
Distribution



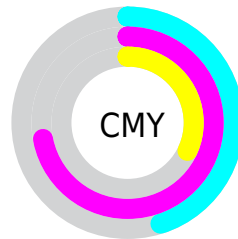
- Red (55%)
- Green (28%)
- Blue (68%)



- Red (55%)
- Yellow (28%)
- Blue (68%)



- Cyan (19%)
- Magenta (59%)
- Yellow (0%)
- Black (32%)



- Cyan (45%)
- Magenta (72%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.2590, 34.3823, 32.2219 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 103.2590, 34.3823, 32.2219 by changing the saturation by 10% instead.

103.2590, 34.3823,
32.2219

103.2590, 34.3823,
32.2219

255.0000, 0.0000,
0.0000

76.8460, 34.0929,
31.7071

156.9110, 35.5399,
34.2811

49.9600, 34.5297,
31.6071

183.8080, 35.0977,
36.1254

28.7700, 32.6514,
27.3887

208.9150, 22.7199,
39.5395

18.7440, 25.2692,
15.1335

225.6500, 14.4696,
25.7400

5.3580, 20.5295,
-4.6990

242.6730, 6.0772,
10.8108

3.4370, 10.6306,
-3.0142

0.0000, 0.0000,

0.0000

■ 103.2590, 34.3823,
32.2219

■ 103.2590, 34.3823,
32.2219

■ 91.4860, 40.1864,
37.2848

■ 115.0320, 28.5782,
27.1589

■ 79.4250, 46.1325,
43.4773

■ 127.0930, 22.6322,
20.9664

■ 67.6520, 51.9366,
48.5402

■ 138.8660, 16.8281,
15.9035

■ 56.1780, 57.5932,
54.2179

■ 150.3400, 11.1714,
10.2258

■ 54.7050, 58.3194,
54.6327

■ 162.7000, 5.0779,
4.6481

■ 174.4730, -0.7262,
-0.4148

■ 185.9470, -6.3829,
-6.0925

■ 197.7200,
-12.1870, -11.1554

■ 209.7810,
-18.1330, -17.3479

Harmonies

Analogous

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



88.0400, 56.1823, -53.5321



103.2590, 34.3823, 32.2219



93.4360, 16.0541, 77.6706

Triad

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



103.2590, 34.3823, 32.2219



95.5760, -47.1190, 39.8368



87.7220, 21.3361, -76.9322

Complementary

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



103.2590, 34.3823, 32.2219



140.7410, -34.3823, -32.2219

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.



80.9790, -1.9616, -71.0186



103.2590, 34.3823, 32.2219



91.8010, -45.2579, 2.8055

Square

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



103.2590, 34.3823, 32.2219



93.6890, -34.8497, 71.3097



75.8030, -28.4969, -53.3242



91.9060, 42.4443, -80.6016

Rectangle

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



103.2590, 34.3823, 32.2219



88.3270, 1.3178, 90.9212



75.8030, -28.4969, -53.3242



85.6700, 13.4737, -75.1326

Sweetspot

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



103.2590, 34.3823, 32.2219



196.6330, 13.4919, 12.5999



102.5860, 34.7141, -27.7009



95.5200, 8.1246, 7.4370



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



103.2590, 34.3823, 32.2219



115.4180, 53.5309, 50.4994



111.1880, 22.0923, 54.2091



80.8200, 3.0467, 2.7889



47.5980, 50.4842, 47.7106



7.4060, 7.6878, 7.5369

Inverse Universe

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



105.2600, -0.6212, 59.4080



118.4690, -0.7242, 92.5507



132.8120, -22.0923, -54.2091



81.0330, -0.0163, 5.2331



50.4360, -0.7079, 87.3176



7.6750, -0.3328, 13.4400

Previews

White Background



This preview shows how the YUV color 103.2590, 34.3823, 32.2219 looks on a white background.

Color Contrast Check

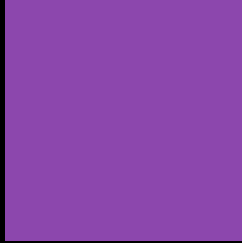
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.2590, 34.3823, 32.2219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

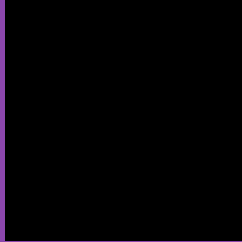
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.2590, 34.3823, 32.2219

Background



This preview shows how black text looks on a background with the YUV color 103.2590, 34.3823, 32.2219.



This preview shows how white text looks on a background with the YUV color 103.2590, 34.3823,

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

103.2590, 34.3823, 32.2219

Protanopia

91.6880, 53.3978, -47.0844

Deuteranopia

96.8520, 34.5830, -32.3192



Tritanopia

103.8610, -2.3965, 22.0469

Trichromacy



Original Color

103.2590, 34.3823, 32.2219



Protanomaly

95.7410, 46.4697, -18.1899



Deuteranomaly

99.2940, 34.3651, -9.0278



Tritanomaly

103.4390, 11.1226, 25.9250

Monochromacy



Original Color

103.2590, 34.3823, 32.2219



Achromatopsia

103.0000, 0.0000, 0.0000



Achromatomaly

102.6930, 12.4764, 11.6702

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.2590, 34.3823, 32.2219 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(140, 71, 173)` looks like.

```
.text, #text, p{  
    color:rgb(140, 71, 173)  
}
```

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(140, 71, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 71, 173) }
```

Border

The CSS property to change the border of an element to YUV 103.2590, 34.3823, 32.2219 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(140, 71, 173) }
```


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

```
.border{ border-color:rgb(140, 71, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 71, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 71, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 71, 173);  
box-shadow:4px 4px 4px 4px rgb(140, 71,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 103.2590, 34.3823, 32.2219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 71, 173) }
```

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

```
.background{ background-color: rgb(140, 71,  
173) }
```

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