

Converting Colors

YUV(102.8750, 33.5856,
54.4836)

Have a look what the booklet for
YUV(102.8750, 33.5856, 54.4836)
contains.

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Color

**YUV(102.8750, 33.5856,
54.4836)**

Conversions

Conversions Part 1

Format	Color
Hex	A53AAB
RGB	165, 58, 171
RGB Percent	65%, 23%, 67%
CMY	0.3529, 0.7725, 0.3294
CMYK	0.04, 0.66, 0.00, 0.33
HSL	297°, 49%, 45%
HSV	297°, 66%, 67%
XYZ	24.3808, 13.9657, 39.9387
YIQ	102.8750, 27.4990, 57.8270

Conversions

Conversions Part 2

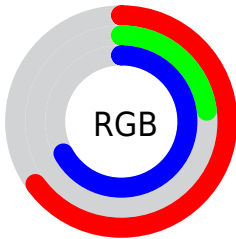
Format	Color
R_{YB}	165, 58, 171
Decimal	10828459
CIE _{Lab}	44.18, 58.28, -39.40
CIE _{LCh}	44, 70.349, 325.938
Yxy	13.9657, 0.3114, 0.1784
Android (android.graphics.Color)	4289018539 (0xFFA53AAB)
YUV	102.8750, 33.5856, 54.4836
Hunter-Lab	37.3707, 51.0552, -37.2047

Details

The YUV color **102.8750, 33.5856, 54.4836** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **126.1250, -33.5856, -54.4836**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.8860, 33.5802, 56.2280**, and **46.3420, 35.3274, 55.8281** is the 20% darker color. If you saturate the color by 10%, you get **92.5970, 38.6527, 62.6204**, and if you desaturate by 10%, it is **113.1530, 28.5186, 46.3468**.

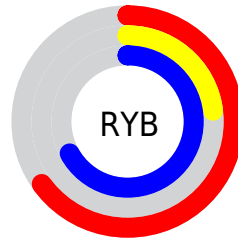
Distribution



Red (65%)

Green (23%)

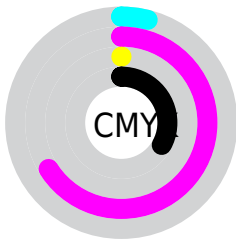
Blue (67%)



Red (65%)

Yellow (23%)

Blue (67%)

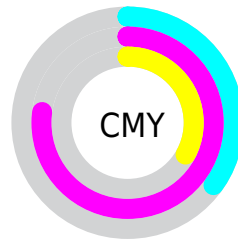


Cyan (4%)

Magenta (66%)

Yellow (0%)

Black (33%)



Cyan (35%)

Magenta (77%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.8750, 33.5856, 54.4836 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 102.8750, 33.5856, 54.4836 by changing the saturation by 10% instead.

102.8750, 33.5856,
54.4836

102.8750, 33.5856,
54.4836

255.0000, 0.0000,
0.0000

72.6410, 35.1800,
56.4428

158.8860, 33.5802,
56.2280

46.3420, 35.3274,
55.8281

187.1850, 33.4328,
56.8428

35.4190, 28.3874,
41.7285

204.5180, 24.8876,
44.2727

24.9090, 21.7369,
28.1438

220.9540, 16.7847,
29.8583

14.5130, 15.5231,
14.4591

237.9770, 8.3923,
14.9292

3.3230, 10.1938,
-2.9143

0.0000, 0.0000,

0.0000

■ 102.8750, 33.5856,
54.4836

■ 102.8750, 33.5856,
54.4836

■ 92.5970, 38.6527,
62.6204

■ 113.1530, 28.5186,
46.3468

■ 82.3190, 43.7197,
70.7572

■ 123.4310, 23.4515,
38.2100

■ 72.0410, 48.7868,
78.8940

■ 133.7090, 18.3845,
30.0732

■ 67.9320, 50.8125,
82.4976

■ 143.9870, 13.3174,
21.9364

■ 154.2650, 8.2504,
13.7996

■ 164.8310, 3.0413,
4.5332

■ 175.1090, -2.0257,
-3.6036

■ 185.3870, -7.0928,
-11.7404

■ 195.6650,
-12.1598, -19.8772

Harmonies

Analogous

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



101.0700, 54.1955, -22.8634



102.8750, 33.5856, 54.4836



82.8890, 15.8307, 102.7063

Triad

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



102.8750, 33.5856, 54.4836



98.1790, -48.4022, 31.4150



93.2790, 29.9355, -81.8057

Complementary

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



102.8750, 33.5856, 54.4836



126.1250, -33.5856, -54.4836

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.



85.8520, 4.0170, -75.2922



102.8750, 33.5856, 54.4836



91.4140, -45.0671, -11.7641

Square

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



102.8750, 33.5856, 54.4836



95.4750, -47.0692, 70.6204



76.7950, -23.0699, -67.3492



96.9900, 51.7699, -85.0602

Rectangle

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



102.8750, 33.5856, 54.4836



81.9870, -2.9516, 107.0054



76.7950, -23.0699, -67.3492



91.1130, 21.6363, -79.9061

Sweetspot

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



102.8750, 33.5856, 54.4836



194.6880, 13.4648, 21.3216



75.5780, 47.0430, -15.4159



95.8520, 7.9610, 13.2848



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.



102.8750, 33.5856, 54.4836



116.5840, 51.9701, 84.5568



99.0830, 11.2981, 63.0712



81.4180, 2.7519, 4.0184



59.5580, 44.5879, 72.3016



9.2000, 6.8034, 11.2256

Inverse Universe

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



92.4710, -14.0362, 68.8699



100.3510, -21.8650, 106.6862



129.9170, -11.2981, -63.0712



80.6910, -1.3267, 5.5330



45.7620, -18.6167, 91.4167



6.9910, -2.9536, 14.0399

Previews

White Background



This preview shows how the YUV color 102.8750, 33.5856, 54.4836 looks on a white background.

Color Contrast Check

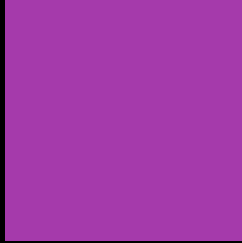
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.8750, 33.5856, 54.4836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

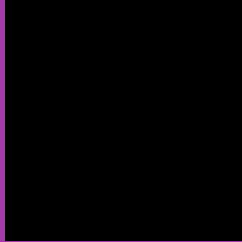
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.8750, 33.5856, 54.4836

Background



This preview shows how black text looks on a background with the YUV color 102.8750, 33.5856, 54.4836.



This preview shows how white text looks on a background with the YUV color 102.8750, 33.5856, 54.4836.

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

102.8750, 33.5856, 54.4836

Protanopia

90.9300, 59.6875, -57.8206

Deuteranopia

102.6420, 29.7565, -24.2420



Tritanopia

105.2120, -7.9925, 43.6641

Trichromacy



Original Color

102.8750, 33.5856, 54.4836



Protanomaly

95.0770, 50.2480, -16.7305



Deuteranomaly

102.8720, 31.1221, 4.4973



Tritanomaly

104.5450, 7.1263, 47.7570

Monochromacy



Original Color

102.8750, 33.5856, 54.4836



Achromatopsia

103.0000, 0.0000, 0.0000



Achromatomaly

103.3350, 12.1598, 19.8772

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.8750, 33.5856, 54.4836 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(165, 58, 171)` looks like.

```
.text, #text, p{  
    color:rgb(165, 58, 171)  
}
```

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(165, 58, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 58, 171) }
```

Border

The CSS property to change the border of an element to YUV 102.8750, 33.5856, 54.4836 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(165, 58, 171) }
```


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

```
.border{ border-color:rgb(165, 58, 171) }
```

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

Here you see how a box with a 4 pixel rgb(165, 58, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 58, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 58, 171);  
box-shadow:4px 4px 4px 4px rgb(165, 58,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 102.8750, 33.5856, 54.4836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 58, 171) }
```

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

```
.background{ background-color: rgb(165, 58,  
171) }
```

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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