

Converting Colors

YUV(115.5330, 32.2752,
54.7836)

Have a look what the booklet for
YUV(115.5330, 32.2752, 54.7836)
contains.

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Color

**YUV(115.5330, 32.2752,
54.7836)**

Conversions

Conversions Part 1

Format	Color
Hex	B247B5
RGB	178, 71, 181
RGB Percent	70%, 28%, 71%
CMY	0.3020, 0.7216, 0.2902
CMYK	0.02, 0.61, 0.00, 0.29
HSL	298°, 44%, 49%
HSV	298°, 61%, 71%
XYZ	28.9538, 17.3076, 45.5307
YIQ	115.5330, 28.4620, 56.8940

Conversions

Conversions Part 2

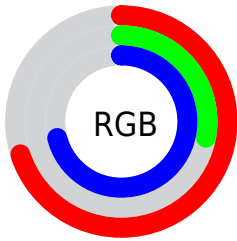
Format	Color
R_{YB}	178, 71, 181
Decimal	11683765
CIE _{Lab}	48.65, 57.78, -38.10
CIE _{LCh}	49, 69.215, 326.601
Yxy	17.3076, 0.3154, 0.1886
Android (android.graphics.Color)	4289873845 (0xFFB247B5)
YUV	115.5330, 32.2752, 54.7836
Hunter-Lab	41.6025, 51.4253, -35.7667

Details

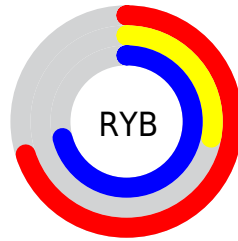
The YUV color **115.5330, 32.2752, 54.7836** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **136.4670, -32.2752, -54.7836**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.5440, 32.2698, 56.5279**, and **51.0700, 37.9265, 62.2056** is the 20% darker color. If you saturate the color by 10%, you get **104.9670, 37.4843, 64.0499**, and if you desaturate by 10%, it is **126.0990, 27.0662, 45.5172**.

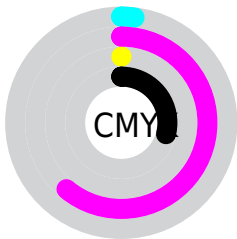
Distribution



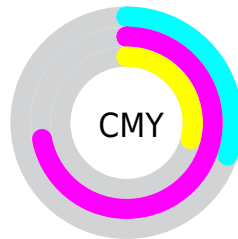
- Red (70%)
- Green (28%)
- Blue (71%)



- Red (70%)
- Yellow (28%)
- Blue (71%)



- Cyan (2%)
- Magenta (61%)
- Yellow (0%)
- Black (29%)





- Cyan (30%)
- Magenta (72%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 115.5330, 32.2752, 54.7836 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 115.5330, 32.2752, 54.7836 by changing the saturation by 10% instead.


 115.5330, 32.2752,
54.7836


 115.5330, 32.2752,
54.7836


255.0000, 0.0000,
0.0000


 87.0600, 33.0014,
55.1984


 171.5440, 32.2698,
56.5279


 51.0700, 37.9265,
62.2056


 195.1260, 29.5179,
52.5095


 40.0330, 30.5497,
48.2061


 212.1490, 21.1255,
37.5803

 29.2240, 24.0466,
34.0066

 228.5850, 13.0226,
23.1660

 19.6110, 16.9538,
22.2662

 245.6080, 4.6303,
8.2368

 3.9470, 13.8301,
-2.5845

 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 115.5330, 32.2752,
54.7836

■ 115.5330, 32.2752,
54.7836

■ 104.9670, 37.4843,
64.0499

■ 126.0990, 27.0662,
45.5172

■ 94.1020, 42.8407,
72.7015

■ 136.9640, 21.7097,
36.8656

■ 83.5360, 48.0498,
81.9679

■ 147.5300, 16.5007,
27.5992

■ 73.2580, 53.1168,
90.1047

■ 158.3950, 11.1443,
18.9476

■ 169.5480, 5.6458,
9.1664

■ 180.4130, 0.2894,
0.5148

■ 190.9790, -4.9196,
-8.7516

■ 201.8440,
-10.2761, -17.4032

■ 212.4100,
-15.4851, -26.6696

Harmonies

Analogous

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



113.7610, 52.8688, -17.3304



115.5330, 32.2752, 54.7836



102.5910, 11.0476, 96.8287

Triad

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



115.5330, 32.2752, 54.7836



108.8110, -53.6438, 32.6148



101.8050, 32.1411, -89.2830

Complementary

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



115.5330, 32.2752, 54.7836



136.4670, -32.2752, -54.7836

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.



94.3780, 6.2226, -82.7695



115.5330, 32.2752, 54.7836



101.1600, -49.8719, -10.6643

Square

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



115.5330, 32.2752, 54.7836



106.5200, -52.0214, 72.3350



84.9620, -19.7013, -74.5117



104.7010, 53.3914, -91.8228

Rectangle

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



115.5330, 32.2752, 54.7836



101.1020, -7.4453, 101.6425



84.9620, -19.7013, -74.5117



99.5250, 23.4052, -87.2834

Sweetspot

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



115.5330, 32.2752, 54.7836



209.1610, 12.7386, 20.9068



85.8880, 46.8902, -13.0568



101.7380, 7.5242, 13.3848



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.



115.5330, 32.2752, 54.7836



132.5410, 50.5123, 85.4715



110.6160, 9.5563, 61.7268



83.7170, 2.6045, 4.6332



61.9930, 44.8665, 76.3051



10.4390, 7.6716, 12.7700

Inverse Universe

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



104.2320, -14.9044, 67.3255



114.9980, -23.1700, 105.2418



141.3840, -9.5563, -61.7268



82.8050, -0.8899, 5.4330



46.2030, -20.8061, 93.6610



7.8880, -3.3958, 15.8842

Previews

White Background



This preview shows how the YUV color 115.5330, 32.2752, 54.7836 looks on a white background.

Color Contrast Check

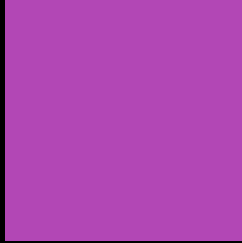
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.5330, 32.2752, 54.7836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

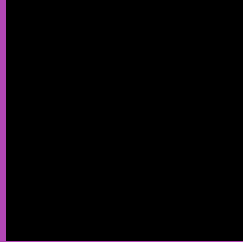
Any Text WCAG AA × Fail

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 115.5330, 32.2752, 54.7836 Background



This preview shows how black text looks on a background with the YUV color 115.5330, 32.2752, 54.7836.



This preview shows how white text looks on a background with the YUV color 115.5330, 32.2752, 54.7836.

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

115.5330, 32.2752, 54.7836

Protanopia

108.6390, 54.4080, -44.4104

Deuteranopia

114.1370, 29.0195, -21.1681



Tritanopia

116.9240, -7.8505, 44.7937

Trichromacy



Original Color

115.5330, 32.2752, 54.7836



Protanomaly

111.3940, 46.1478, -8.2385



Deuteranomaly

114.6550, 30.2431, 6.4416



Tritanomaly

116.7300, 6.5421, 48.4718

Monochromacy



Original Color

115.5330, 32.2752, 54.7836



Achromatopsia

116.0000, 0.0000, 0.0000



Achromatomaly

116.2210, 11.7230, 19.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.5330, 32.2752, 54.7836 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(178, 71, 181)` looks like.

```
.text, #text, p{  
    color:rgb(178, 71, 181)  
}
```

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(178, 71, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 71, 181) }
```

Border

The CSS property to change the border of an element to YUV 115.5330, 32.2752, 54.7836 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(178, 71, 181) }
```


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

```
.border{ border-color:rgb(178, 71, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 71, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 71, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 71, 181);  
box-shadow:4px 4px 4px 4px rgb(178, 71,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 115.5330, 32.2752, 54.7836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 71, 181) }
```

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

```
.background{ background-color: rgb(178, 71,  
181) }
```

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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