

Converting Colors

YUV(116.5540, 33.7439,
50.3801)

Have a look what the booklet for
YUV(116.5540, 33.7439, 50.3801)
contains.

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Color

**YUV(116.5540, 33.7439,
50.3801)**

Conversions

Conversions Part 1

Format	Color
Hex	AE4AB9
RGB	174, 74, 185
RGB Percent	68%, 29%, 73%
CMY	0.3176, 0.7098, 0.2745
CMYK	0.06, 0.60, 0.00, 0.27
HSL	294°, 44%, 51%
HSV	294°, 60%, 73%
XYZ	28.6613, 17.3990, 47.7467
YIQ	116.5540, 23.9690, 55.7210

Conversions

Conversions Part 2

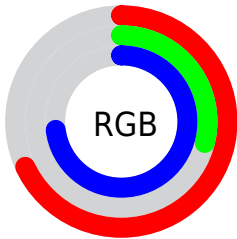
Format	Color
RYB	174, 74, 185
Decimal	11422393
CIELab	48.76, 56.16, -40.29
CIELCh	49, 69.118, 324.341
Yxy	17.3990, 0.3055, 0.1855
Android (android.graphics.Color)	4289612473 (0xFFAE4AB9)
YUV	116.5540, 33.7439, 50.3801
Hunter-Lab	41.7121, 49.6550, -38.6691

Details

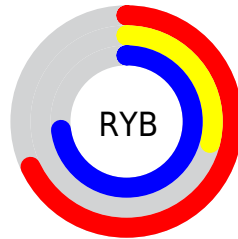
The YUV color **116.5540, 33.7439, 50.3801** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **142.4460, -33.7439, -50.3801**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.0920, 34.4646, 52.5393**, and **56.0860, 36.9326, 54.2986** is the 20% darker color. If you saturate the color by 10%, you get **105.3900, 39.2477, 58.4170**, and if you desaturate by 10%, it is **128.3050, 27.9506, 41.8285**.

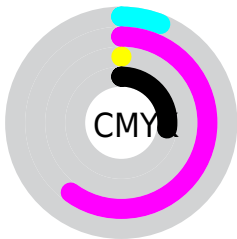
Distribution



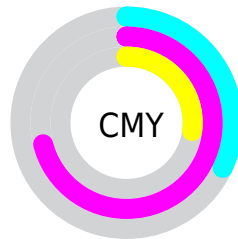
- Red (68%)
- Green (29%)
- Blue (73%)



- Red (68%)
- Yellow (29%)
- Blue (73%)



- Cyan (6%)
- Magenta (60%)
- Yellow (0%)
- Black (27%)



- Cyan (32%)
- Magenta (71%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.5540, 33.7439, 50.3801 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 116.5540, 33.7439, 50.3801 by changing the saturation by 10% instead.

■ 116.5540, 33.7439,
50.3801

■ 116.5540, 33.7439,
50.3801

■ 255.0000, 0.0000,
0.0000

■ 88.6680, 34.1807,
50.2802

■ 172.0920, 34.4646,
52.5393

■ 56.0860, 36.9326,
54.2986

■ 196.8870, 28.6497,
50.9651

■ 39.2930, 32.8866,
45.3470

■ 213.3230, 20.5468,
36.5507

■ 28.6690, 25.7992,
31.8623

■ 229.7590, 12.4438,
22.1364

■ 19.0560, 18.7064,
20.1219

■ 247.3690, 3.7621,
6.6924

■ 3.9900, 15.2879,
-3.4992

■ 1.0260, 3.9312,

-0.8998

■ 0.0000, 0.0000,
0.0000

■ 116.5540, 33.7439,
50.3801

■ 116.5540, 33.7439,
50.3801

■ 105.3900, 39.2477,
58.4170

■ 128.3050, 27.9506,
41.8285

■ 93.6390, 45.0410,
66.9686

■ 139.4690, 22.4468,
33.7917

■ 81.8880, 50.8342,
75.5202

■ 150.9210, 16.8009,
24.6253

■ 71.0230, 56.1907,
84.1718

■ 162.0850, 11.2971,
16.5885

■ 173.8360, 5.5039,
8.0368

■ 185.0000, 0.0000,
0.0000

■ 196.7510, -5.7932,
-8.5516

■ 207.9150,
-11.2971, -16.5885

■ 219.6660,
-17.0903, -25.1401

Harmonies

Analogous

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



112.2870, 55.0745, -24.8077



116.5540, 33.7439, 50.3801



104.0360, 12.8003, 94.6844

Triad

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



116.5540, 33.7439, 50.3801



109.4200, -53.9441, 35.5887



101.3490, 30.3939, -88.8831

Complementary

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



116.5540, 33.7439, 50.3801



142.4460, -33.7439, -50.3801

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.



94.3950, 3.7493, -82.7844



116.5540, 33.7439, 50.3801



102.6550, -50.6089, -7.5904

Square

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



116.5540, 33.7439, 50.3801



106.9700, -47.8062, 73.6943



84.3920, -21.8853, -74.0118



105.0600, 52.2284, -92.1376

Rectangle

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



116.5540, 33.7439, 50.3801



101.6720, -5.2613, 101.1427



84.3920, -21.8853, -74.0118



99.0690, 21.6580, -86.8835

Sweetspot

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



116.5540, 33.7439, 50.3801



213.2640, 13.1808, 19.0625



93.1110, 45.3013, -16.7603



103.2540, 8.2558, 12.0552



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



116.5540, 33.7439, 50.3801



133.3660, 52.5706, 78.6090



114.8270, 12.9033, 61.5417



86.4180, 2.7519, 4.0184



59.6440, 47.5035, 70.4722



10.6670, 8.5452, 12.5700

Inverse Universe

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



108.4430, -11.5574, 67.1405



120.6650, -18.0758, 104.6568



144.1730, -12.9033, -61.5417



85.8050, -0.8899, 5.4330



48.3540, -16.4435, 94.4055



8.7140, -2.8170, 16.9138

Previews

White Background



This preview shows how the YUV color 116.5540, 33.7439, 50.3801 looks on a white background.

Color Contrast Check

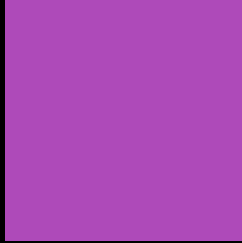
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.5540, 33.7439, 50.3801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

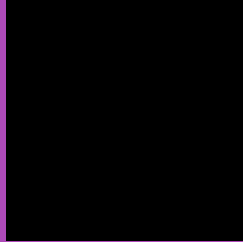
Any Text WCAG AA × Fail

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 116.5540, 33.7439, 50.3801 Background



This preview shows how black text looks on a background with the YUV color 116.5540, 33.7439, 50.3801.



This preview shows how white text looks on a background with the YUV color 116.5540, 33.7439,

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

116.5540, 33.7439, 50.3801

Protanopia

108.2690, 55.5764, -45.8399

Deuteranopia

114.0980, 31.5037, -24.6419



Tritanopia

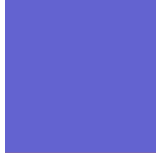
117.8310, -6.8187, 40.4902

Trichromacy



Original Color

116.5540, 33.7439, 50.3801



Protanomaly

111.4260, 47.6110, -10.8976



Deuteranomaly

115.2030, 32.4379, 2.4530



Tritanomaly

117.6370, 7.5740, 44.1684

Monochromacy



Original Color

116.5540, 33.7439, 50.3801



Achromatopsia

117.0000, 0.0000, 0.0000



Achromatomaly

116.7370, 12.4547, 18.6477

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.5540, 33.7439, 50.3801 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(174, 74, 185)` looks like.

```
.text, #text, p{  
    color:rgb(174, 74, 185)  
}
```

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(174, 74, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 74, 185) }
```

Border

The CSS property to change the border of an element to YUV 116.5540, 33.7439, 50.3801 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(174, 74, 185) }
```


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

```
.border{ border-color:rgb(174, 74, 185) }
```

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

Here you see how a box with a 4 pixel rgb(174, 74, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 74, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 74, 185);  
box-shadow:4px 4px 4px 4px rgb(174, 74,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 116.5540, 33.7439, 50.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 74, 185) }
```

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

```
.background{ background-color: rgb(174, 74,  
185) }
```

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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