

Converting Colors

YUV(117.0440, 30.5443,
49.9504)

Have a look what the booklet for
YUV(117.0440, 30.5443, 49.9504)
contains.

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Color

**YUV(117.0440, 30.5443,
49.9504)**

Conversions

Conversions Part 1

Format	Color
Hex	AE4CB3
RGB	174, 76, 179
RGB Percent	68%, 30%, 70%
CMY	0.3176, 0.7020, 0.2980
CMYK	0.03, 0.58, 0.00, 0.30
HSL	297°, 40%, 50%
HSV	297°, 58%, 70%
XYZ	28.1767, 17.4222, 44.5256
YIQ	117.0440, 25.3450, 52.8090

Conversions

Conversions Part 2

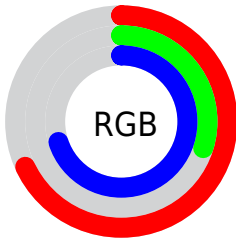
Format	Color
R_{YB}	174, 76, 179
Decimal	11422899
CIE _{Lab}	48.79, 54.13, -36.75
CIE _{LCh}	49, 65.428, 325.831
Yxy	17.4222, 0.3126, 0.1933
Android (android.graphics.Color)	4289612979 (0xFFAE4CB3)
YUV	117.0440, 30.5443, 49.9504
Hunter-Lab	41.7399, 47.4521, -34.0289

Details

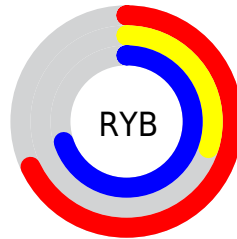
The YUV color **117.0440, 30.5443, 49.9504** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **137.9560, -30.5443, -49.9504**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4680, 30.8283, 52.2096**, and **59.3370, 32.8649, 52.3245** is the 20% darker color. If you saturate the color by 10%, you get **106.1790, 35.9008, 58.6020**, and if you desaturate by 10%, it is **127.9090, 25.1879, 41.2988**.

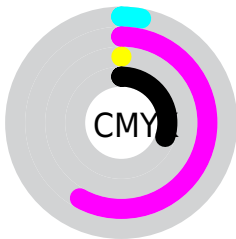
Distribution



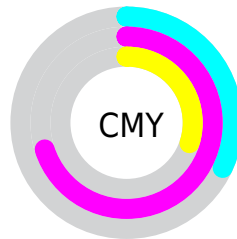
- Red (68%)
- Green (30%)
- Blue (70%)



- Red (68%)
- Yellow (30%)
- Blue (70%)



- Cyan (3%)
- Magenta (58%)
- Yellow (0%)
- Black (30%)



- Cyan (32%)
- Magenta (70%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.0440, 30.5443, 49.9504 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 117.0440, 30.5443, 49.9504 by changing the saturation by 10% instead.

■ 117.0440, 30.5443,
49.9504

■ 117.0440, 30.5443,
49.9504

255.0000, 0.0000,
0.0000

■ 89.7450, 30.6917,
49.3356

■ 172.4680, 30.8283,
52.2096

■ 59.3370, 32.8649,
52.3245

■ 197.4740, 28.3603,
50.4503

■ 38.9080, 30.1184,
46.5617

■ 213.9100, 20.2574,
36.0359

■ 28.3980, 23.4678,
32.9770

■ 230.9330, 11.8650,
21.1068

■ 18.8990, 16.8118,
21.1366

■ 247.9560, 3.4727,
6.1776

■ 3.4200, 13.1039,
-2.9993

■ 0.0000, 0.0000,

0.0000

■ 117.0440, 30.5443,
49.9504

■ 117.0440, 30.5443,
49.9504

■ 106.1790, 35.9008,
58.6020

■ 127.9090, 25.1879,
41.2988

■ 95.3140, 41.2572,
67.2536

■ 138.7740, 19.8314,
32.6472

■ 84.4490, 46.6136,
75.9052

■ 149.6390, 14.4750,
23.9956

■ 73.8830, 51.8227,
85.1716

■ 160.2050, 9.2659,
14.7292

■ 71.2360, 53.1277,
86.6160

■ 170.4830, 4.1989,
6.5924

■ 181.3480, -1.1576,
-2.0592

■ 192.2130, -6.5140,
-10.7108

■ 203.0780,
-11.8705, -19.3624

■ 213.9430,
-17.2269, -28.0140

Harmonies

Analogous

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



114.7780, 50.3954, -17.3453



117.0440, 30.5443, 49.9504



107.0800, 9.3276, 88.5068

Triad

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



117.0440, 30.5443, 49.9504



109.1100, -53.7912, 33.2295



100.7620, 30.6833, -88.3683

Complementary

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



117.0440, 30.5443, 49.9504



137.9560, -30.5443, -49.9504

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.



94.2640, 5.7858, -82.6695



117.0440, 30.5443, 49.9504



102.3560, -50.4615, -8.2052

Square

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



117.0440, 30.5443, 49.9504



108.8060, -45.7534, 68.5761



85.3040, -18.3909, -74.8116



103.4300, 51.0600, -90.7081

Rectangle

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



117.0440, 30.5443, 49.9504



105.5310, -8.1498, 94.2503



85.3040, -18.3909, -74.8116



99.2970, 22.5316, -87.0835

Sweetspot

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



117.0440, 30.5443, 49.9504



208.5090, 11.5811, 18.8476



90.6770, 43.5432, -12.8717



103.2000, 6.8034, 11.2256



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.



117.0440, 30.5443, 49.9504



135.6880, 47.4818, 77.4496



113.2950, 9.7146, 57.6233



83.7170, 2.6045, 4.6332



61.0960, 45.3087, 74.4608



10.1400, 7.8190, 12.1552

Inverse Universe

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



107.3670, -12.9989, 62.8221



120.7520, -20.0907, 97.5645



141.7050, -9.7146, -57.6233



82.8050, -0.8899, 5.4330



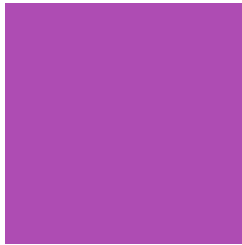
46.5450, -19.4957, 93.3610



7.8880, -3.3958, 15.8842

Previews

White Background



This preview shows how the YUV color 117.0440, 30.5443, 49.9504 looks on a white background.

Color Contrast Check

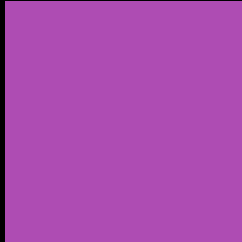
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.0440, 30.5443, 49.9504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

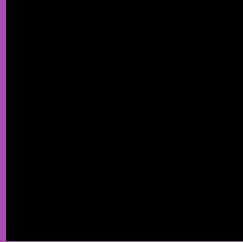
Any Text WCAG AA × Fail

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 117.0440, 30.5443, 49.9504 Background



This preview shows how black text looks on a background with the YUV color 117.0440, 30.5443, 49.9504.



This preview shows how white text looks on a background with the YUV color 117.0440, 30.5443,

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

117.0440, 30.5443, 49.9504

Protanopia

110.6460, 50.4605, -38.2775

Deuteranopia

115.2080, 27.9985, -20.3534



Tritanopia

117.5430, -6.6767, 41.6198

Trichromacy



Original Color

117.0440, 30.5443, 49.9504



Protanomaly

113.3080, 43.2322, -6.4091



Deuteranomaly

115.7150, 29.2275, 5.5119



Tritanomaly

117.4090, 6.7004, 44.3683

Monochromacy



Original Color

117.0440, 30.5443, 49.9504



Achromatopsia

117.0000, 0.0000, 0.0000



Achromatomaly

117.0960, 11.2917, 18.3328

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.0440, 30.5443, 49.9504 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, 76, 179)` looks like.

```
.text, #text, p{  
    color:rgb(174, 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(174, 76, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 76, 179) }
```

Border

The CSS property to change the border of an element to YUV 117.0440, 30.5443, 49.9504 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, 76, 179) }
```


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

```
.border{ border-color:rgb(174, 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(174, 76, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 76, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 76, 179);  
box-shadow:4px 4px 4px 4px rgb(174, 76,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 117.0440, 30.5443, 49.9504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 76, 179) }
```

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

```
.background{ background-color: rgb(174, 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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