

Converting Colors

YUV(117.3000, 28.9391,
51.4799)

Have a look what the booklet for
YUV(117.3000, 28.9391, 51.4799)
contains.

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Color

**YUV(117.3000, 28.9391,
51.4799)**

Conversions

Conversions Part 1

Format	Color
Hex	B04CB0
RGB	176, 76, 176
RGB Percent	69%, 30%, 69%
CMY	0.3098, 0.7020, 0.3098
CMYK	0.00, 0.57, 0.00, 0.31
HSL	300°, 40%, 49%
HSV	300°, 57%, 69%
XYZ	28.3254, 17.5336, 42.9657
YIQ	117.3000, 27.5000, 52.3000

Conversions

Conversions Part 2

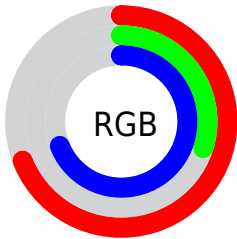
Format	Color
R_{YB}	176, 76, 176
Decimal	11553968
CIE _{Lab}	48.93, 54.13, -34.76
CIE _{LCh}	49, 64.323, 327.295
Yxy	17.5336, 0.3189, 0.1974
Android (android.graphics.Color)	4289744048 (0xFFB04CB0)
YUV	117.3000, 28.9391, 51.4799
Hunter-Lab	41.8731, 47.4698, -31.5259

Details

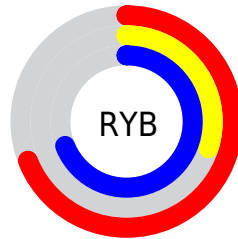
The YUV color **117.3000, 28.9391, 51.4799** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **134.7000, -28.9391, -51.4799**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.7240, 29.2231, 53.7391**, and **59.0060, 31.5490, 54.3687** is the 20% darker color. If you saturate the color by 10%, you get **106.7340, 34.1481, 60.7463**, and if you desaturate by 10%, it is **127.8660, 23.7301, 42.2135**.

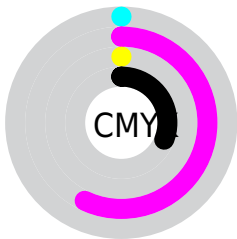
Distribution



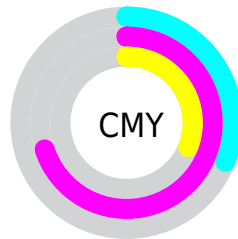
- Red (69%)
- Green (30%)
- Blue (69%)



- Red (69%)
- Yellow (30%)
- Blue (69%)



- Cyan (0%)
- Magenta (57%)
- Yellow (0%)
- Black (31%)



- Cyan (31%)
- Magenta (70%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.3000, 28.9391, 51.4799 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 117.3000, 28.9391, 51.4799 by changing the saturation by 10% instead.

■ 117.3000, 28.9391,
51.4799

■ 117.3000, 28.9391,
51.4799

■ 255.0000, 0.0000,
0.0000

■ 89.4140, 29.3759,
51.3799

■ 172.7240, 29.2231,
53.7391

■ 59.0060, 31.5490,
54.3687

■ 197.4740, 28.3603,
50.4503

■ 39.2780, 28.9499,
47.9912

■ 214.4970, 19.9680,
35.5211

■ 28.3550, 22.0100,
33.8917

■ 230.9330, 11.8650,
21.1068

■ 19.2690, 15.6434,
22.5661

■ 247.9560, 3.4727,
6.1776

■ 3.1920, 12.2303,
-2.7994

■ 0.0000, 0.0000,

0.0000

■ 117.3000, 28.9391,
51.4799

■ 117.3000, 28.9391,
51.4799

■ 106.7340, 34.1481,
60.7463

■ 127.8660, 23.7301,
42.2135

■ 96.7550, 39.0678,
69.4979

■ 137.8450, 18.8104,
33.4619

■ 86.1890, 44.2768,
78.7642

■ 148.4110, 13.6014,
24.1956

■ 76.2100, 49.1965,
87.5158

■ 158.3900, 8.6817,
15.4440

■ 72.6880, 50.9328,
90.6046

■ 168.9560, 3.4727,
6.1776

■ 179.5220, -1.7363,
-3.0888

■ 189.5010, -6.6560,
-11.8404

■ 200.0670,
-11.8650, -21.1068

■ 210.0460,
-16.7847, -29.8583

Harmonies

Analogous

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



115.9420, 48.3426, -12.2271



117.3000, 28.9391, 51.4799



108.0260, 7.8752, 87.6772

Triad

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



117.3000, 28.9391, 51.4799



108.8000, -53.6384, 30.8704



100.9900, 31.5569, -88.5682

Complementary

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



117.3000, 28.9391, 51.4799



134.7000, -28.9391, -51.4799

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.



94.6060, 7.0962, -82.9695



117.3000, 28.9391, 51.4799



102.6440, -50.6035, -9.3348

Square

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



117.3000, 28.9391, 51.4799



109.3820, -46.0373, 66.3170



85.8740, -16.2069, -75.3115



103.5440, 51.4968, -90.8081

Rectangle

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



117.3000, 28.9391, 51.4799



106.7650, -9.7441, 92.2911



85.8740, -16.2069, -75.3115



99.5250, 23.4052, -87.2834

Sweetspot

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



117.3000, 28.9391, 51.4799



206.5200, 11.5756, 20.5920



87.4000, 43.6798, -9.9978



101.4990, 6.6560, 11.8404



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



117.3000, 28.9391, 51.4799



137.8410, 45.4344, 80.8234



111.6000, 7.0992, 56.4788



83.7170, 2.6045, 4.6332



63.1890, 44.2768, 78.7642



10.7380, 7.5242, 13.3848

Inverse Universe

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



117.3000, 28.9391, 51.4799



137.8410, 45.4344, 80.8234



140.4000, -7.0992, -56.4788



83.7170, 2.6045, 4.6332



63.1890, 44.2768, 78.7642



10.7380, 7.5242, 13.3848

Previews

White Background



This preview shows how the YUV color 117.3000, 28.9391, 51.4799 looks on a white background.

Color Contrast Check

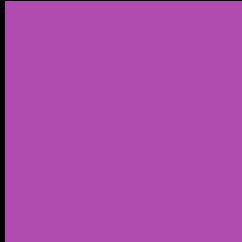
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.3000, 28.9391, 51.4799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

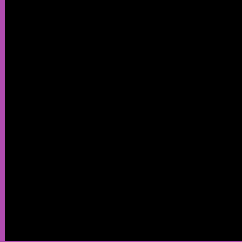
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.3000, 28.9391, 51.4799

Background



This preview shows how black text looks on a background with the YUV color 117.3000, 28.9391, 51.4799.



This preview shows how white text looks on a background with the YUV color 117.3000, 28.9391, 51.4799.

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

117.3000, 28.9391, 51.4799

Protanopia

112.0870, 48.2711, -36.0333

Deuteranopia

116.0620, 26.0984, -17.5944



Tritanopia

118.0270, -7.4083, 42.9493

Trichromacy



Original Color

117.3000, 28.9391, 51.4799



Protanomaly

113.8630, 41.4795, -4.2649



Deuteranomaly

116.2700, 27.4749, 7.6562



Tritanomaly

117.8930, 5.9688, 45.6978

Monochromacy



Original Color

117.3000, 28.9391, 51.4799



Achromatopsia

117.0000, 0.0000, 0.0000



Achromatomaly

116.8680, 10.4181, 18.5328

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.3000, 28.9391, 51.4799 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(176, 76, 176)` looks like.

```
.text, #text, p{  
    color:rgb(176, 76, 176)  
}
```

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(176, 76, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 76, 176) }
```

Border

The CSS property to change the border of an element to YUV 117.3000, 28.9391, 51.4799 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(176, 76, 176) }
```


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

```
.border{ border-color:rgb(176, 76, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 76, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 76, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 76, 176);  
box-shadow:4px 4px 4px 4px rgb(176, 76,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 117.3000, 28.9391, 51.4799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 76, 176) }
```

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

```
.background{ background-color: rgb(176, 76,  
176) }
```

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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