

Converting Colors

YUV(109.3000, 32.3901,
64.6349)

Have a look what the booklet for
YUV(109.3000, 32.3901, 64.6349)
contains.

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Color

**YUV(109.3000, 32.3901,
64.6349)**

Conversions

Conversions Part 1

Format	Color
Hex	B73BAF
RGB	183, 59, 175
RGB Percent	72%, 23%, 69%
CMY	0.2824, 0.7686, 0.3137
CMYK	0.00, 0.68, 0.04, 0.28
HSL	304°, 51%, 47%
HSV	304°, 68%, 72%
XYZ	28.8303, 16.2904, 42.1823
YIQ	109.3000, 36.6680, 62.3640

Conversions

Conversions Part 2

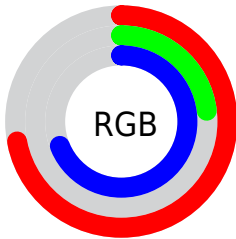
Format	Color
R_{YB}	183, 59, 175
Decimal	12008367
CIE _{Lab}	47.35, 62.88, -36.57
CIE _{LCh}	47, 72.736, 329.817
Yxy	16.2904, 0.3302, 0.1866
Android (android.graphics.Color)	4290198447 (0xFFB73BAF)
YUV	109.3000, 32.3901, 64.6349
Hunter-Lab	40.3613, 56.8711, -33.7120

Details

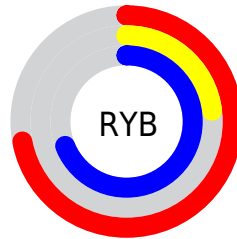
The YUV color **109.3000, 32.3901, 64.6349** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **132.7000, -32.3901, -64.6349**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.7840, 31.6585, 65.9644**, and **51.5820, 34.7161, 65.2646** is the 20% darker color. If you saturate the color by 10%, you get **98.6200, 37.1623, 74.0013**, and if you desaturate by 10%, it is **119.9800, 27.6179, 55.2685**.

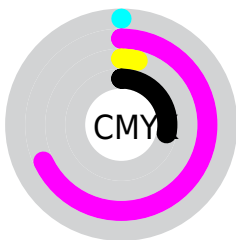
Distribution



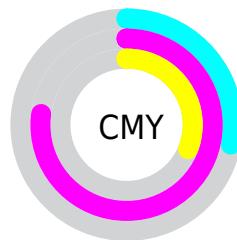
- Red (72%)
- Green (23%)
- Blue (69%)



- Red (72%)
- Yellow (23%)
- Blue (69%)



- Cyan (0%)
- Magenta (68%)
- Yellow (4%)
- Black (28%)




- Cyan (28%)
- Magenta (77%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.3000, 32.3901, 64.6349 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 109.3000, 32.3901, 64.6349 by changing the saturation by 10% instead.


 109.3000, 32.3901,
64.6349


 109.3000, 32.3901,
64.6349


255.0000, 0.0000,
0.0000


 77.5930, 34.7107,
67.0089


 166.7840, 31.6585,
65.9644


 51.5820, 34.7161,
65.2646


 189.8430, 32.1224,
57.1427

 40.6590, 27.7761,
51.1651


 206.2790, 24.0195,
42.7283

 29.7360, 20.8362,
37.0655

 223.3020, 15.6271,
27.7991

 19.6390, 14.4750,
23.9956

 240.3250, 7.2348,
12.8700

 4.5730, 11.0565,
0.3745

 0.0000, 0.0000,

0.0000

■ 109.3000, 32.3901,
64.6349

■ 109.3000, 32.3901,
64.6349

■ 98.6200, 37.1623,
74.0013

■ 119.9800, 27.6179,
55.2685

■ 87.3530, 42.2240,
83.8824

■ 131.2470, 22.5562,
45.3874

■ 76.5590, 46.5594,
93.3488

■ 142.0410, 18.2208,
35.9210

■ 74.2110, 47.7170,
95.4080

■ 152.7210, 13.4485,
26.5547

■ 163.9880, 8.3869,
16.6735

■ 174.6680, 3.6147,
7.3072

■ 185.3480, -1.1576,
-2.0592

■ 196.0280, -5.9298,
-11.4256

■ 207.4090,
-10.5546, -21.4067

Harmonies

Analogous

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



111.6310, 53.4259, -9.3234



109.3000, 32.3901, 64.6349



90.8960, 11.8833, 108.8392

Triad

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



109.3000, 32.3901, 64.6349



105.5330, -52.0278, 27.5966



100.6140, 35.1933, -88.2385

Complementary

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



109.3000, 32.3901, 64.6349



132.7000, -32.3901, -64.6349

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.



93.5460, 8.1118, -82.0398



109.3000, 32.3901, 64.6349



96.3870, -47.5188, -18.7564

Square

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



109.3000, 32.3901, 64.6349



103.4380, -50.9949, 69.7759



83.7880, -19.1225, -73.4821



103.6240, 56.8804, -90.8782

Rectangle

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



109.3000, 32.3901, 64.6349



92.5050, -8.6300, 108.3051



83.7880, -19.1225, -73.4821



98.3340, 26.4573, -86.2389

Sweetspot

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



109.3000, 32.3901, 64.6349



209.0690, 12.2910, 24.4955



74.9300, 53.2785, -8.7086



102.7490, 7.5187, 15.1291



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.



109.3000, 32.3901, 64.6349



122.9280, 50.3215, 100.0411



102.4600, 6.1822, 70.6336



86.6030, 2.1677, 4.7332



63.2880, 40.7770, 81.3084



11.3360, 7.2294, 14.6143

Inverse Universe

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



109.3000, 32.3901, 64.6349



122.9280, 50.3215, 100.0411



139.5400, -6.1822, -70.6336



86.6030, 2.1677, 4.7332



63.2880, 40.7770, 81.3084



11.3360, 7.2294, 14.6143

Previews

White Background



This preview shows how the YUV color 109.3000, 32.3901, 64.6349 looks on a white background.

Color Contrast Check

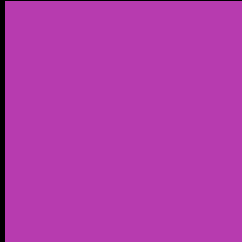
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.3000, 32.3901, 64.6349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

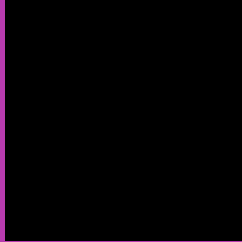
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.3000, 32.3901, 64.6349

Background



This preview shows how black text looks on a background with the YUV color 109.3000, 32.3901, 64.6349.



This preview shows how white text looks on a background with the YUV color 109.3000, 32.3901, 64.6349.

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

109.3000, 32.3901, 64.6349

Protanopia

102.6320, 58.3554, -50.5433

Deuteranopia

111.6920, 27.2668, -19.0239



Tritanopia

112.2950, -10.4984, 54.1153

Trichromacy



Original Color

109.3000, 32.3901, 64.6349



Protanomaly

105.0780, 48.7685, -8.8384



Deuteranomaly

111.0470, 29.0638, 11.3598



Tritanomaly

111.4430, 5.2046, 57.4935

Monochromacy



Original Color

109.3000, 32.3901, 64.6349



Achromatopsia

109.0000, 0.0000, 0.0000



Achromatomaly

109.2430, 11.7122, 23.4659

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.3000, 32.3901, 64.6349 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(183, 59, 175)` looks like.

```
.text, #text, p{  
    color:rgb(183, 59, 175)  
}
```

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(183, 59, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 59, 175) }
```

Border

The CSS property to change the border of an element to YUV 109.3000, 32.3901, 64.6349 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(183, 59, 175) }
```


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

```
.border{ border-color:rgb(183, 59, 175) }
```

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

Here you see how a box with a 4 pixel rgb(183, 59, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 59, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 59, 175);  
box-shadow:4px 4px 4px 4px rgb(183, 59,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 109.3000, 32.3901, 64.6349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 59, 175) }
```

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

```
.background{ background-color: rgb(183, 59,  
175) }
```

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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