

Converting Colors

YUV(109.5320, 30.3037,
33.7364)

Have a look what the booklet for
YUV(109.5320, 30.3037, 33.7364)
contains.

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Color

**YUV(109.5320, 30.3037,
33.7364)**

Conversions

Conversions Part 1

Format	Color
Hex	944EAB
RGB	148, 78, 171
RGB Percent	58%, 31%, 67%
CMY	0.4196, 0.6941, 0.3294
CMYK	0.13, 0.54, 0.00, 0.33
HSL	285°, 37%, 49%
HSV	285°, 54%, 67%
XYZ	22.2878, 14.6850, 40.1879
YIQ	109.5320, 11.8670, 43.7630

Conversions

Conversions Part 2

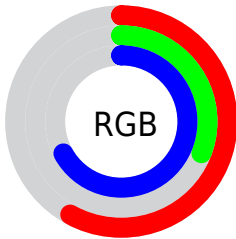
Format	Color
R_{YB}	148, 78, 171
Decimal	9719467
CIE _{Lab}	45.20, 44.54, -37.95
CIE _{LCh}	45, 58.510, 319.568
Yxy	14.6850, 0.2888, 0.1903
Android (android.graphics.Color)	4287909547 (0xFF944EAB)
YUV	109.5320, 30.3037, 33.7364
Hunter-Lab	38.3210, 36.7556, -35.3538

Details

The YUV color **109.5320, 30.3037, 33.7364** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **139.4680, -30.3037, -33.7364**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.1840, 31.4613, 35.7956**, and **57.1190, 30.0143, 33.2216** is the 20% darker color. If you saturate the color by 10%, you get **98.3570, 35.8130, 40.0289**, and if you desaturate by 10%, it is **120.7070, 24.7944, 27.4440**.

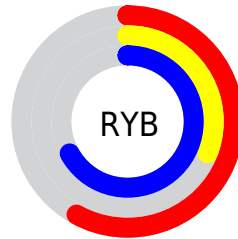
Distribution



Red (58%)

Green (31%)

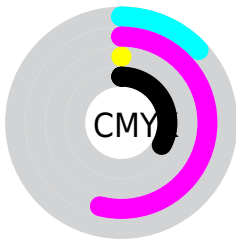
Blue (67%)



Red (58%)

Yellow (31%)

Blue (67%)

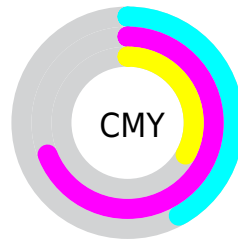


Cyan (13%)

Magenta (54%)

Yellow (0%)

Black (33%)



Cyan (42%)


Magenta (69%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.5320, 30.3037, 33.7364 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 109.5320, 30.3037, 33.7364 by changing the saturation by 10% instead.


 109.5320, 30.3037,
33.7364


 109.5320, 30.3037,
33.7364


255.0000, 0.0000,
0.0000


 83.7060, 29.7249,
32.7068


 163.1840, 31.4613,
35.7956


 57.1190, 30.0143,
33.2216


 190.8960, 31.6033,
36.9252


 31.2330, 30.4511,
33.1217


 213.3230, 20.5468,
36.5507

 21.0220, 23.6532,
20.1517

 229.7590, 12.4438,
22.1364

 10.6260, 17.4394,
6.4670

 246.7820, 4.0515,
7.2072

 3.3230, 10.1938,
-2.9143

 0.0000, 0.0000,

0.0000

■ 109.5320, 30.3037,
33.7364

■ 109.5320, 30.3037,
33.7364

■ 98.3570, 35.8130,
40.0289

■ 120.7070, 24.7944,
27.4440

■ 87.1820, 41.3223,
46.3214

■ 131.8820, 19.2852,
21.1515

■ 75.7080, 46.9790,
51.9991

■ 143.3560, 13.6285,
15.4738

■ 64.5330, 52.4882,
58.2916

■ 154.5310, 8.1192,
9.1813

■ 58.0650, 55.6770,
62.2100

■ 165.7060, 2.6099,
2.8888

■ 177.4680, -3.1887,
-3.9184

■ 188.9420, -8.8454,
-9.5961

■ 200.1170,
-14.3547, -15.8886

■ 211.2920,
-19.8640, -22.1811

Harmonies

Analogous

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



101.8210, 48.4022, -31.4150



109.5320, 30.3037, 33.7364



102.5510, 11.5604, 72.3078

Triad

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



109.5320, 30.3037, 33.7364



100.8700, -49.7289, 36.9480



91.4550, 22.9467, -80.2060

Complementary

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



109.5320, 30.3037, 33.7364



139.4680, -30.3037, -33.7364

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.



85.1680, 1.3962, -74.6923



109.5320, 30.3037, 33.7364



96.5190, -47.5839, 2.1758

Square

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



109.5320, 30.3037, 33.7364



101.4710, -34.2492, 65.3619



85.3890, -23.8558, -48.5762



94.5960, 42.5972, -82.9607

Rectangle

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



109.5320, 30.3037, 33.7364



99.4200, -3.1651, 82.0697



85.3890, -23.8558, -48.5762



89.6310, 15.9579, -78.6064

Sweetspot

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



109.5320, 30.3037, 33.7364



198.1770, 11.7447, 12.9998



102.1030, 33.9662, -21.1383



98.1780, 6.8142, 7.7369



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



109.5320, 30.3037, 33.7364



126.7080, 46.9790, 51.9991



113.7870, 16.8670, 50.1758



81.1190, 2.8993, 3.4036



50.8870, 48.8627, 54.4731



7.7050, 7.5404, 8.1517

Inverse Universe

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



108.4290, -3.6625, 54.8748



125.0460, -5.9387, 85.0287



135.2130, -16.8670, -50.1758



80.9190, -0.4531, 5.3330



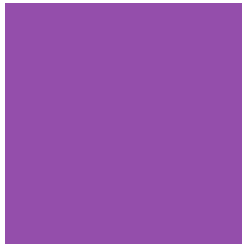
49.0680, -5.9495, 88.5174



7.5610, -0.7696, 13.5400

Previews

White Background



This preview shows how the YUV color 109.5320, 30.3037, 33.7364 looks on a white background.

Color Contrast Check

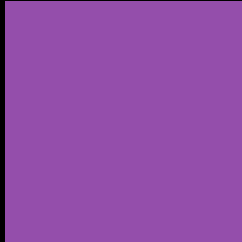
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.5320, 30.3037, 33.7364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

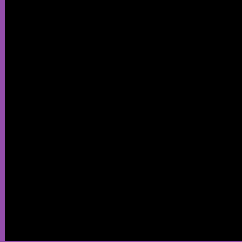
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.5320, 30.3037, 33.7364

Background



This preview shows how black text looks on a background with the YUV color 109.5320, 30.3037, 33.7364.



This preview shows how white text looks on a background with the YUV color 109.5320, 30.3037, 33.7364.

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

109.5320, 30.3037, 33.7364

Protanopia

101.9300, 46.3765, -35.0186

Deuteranopia

105.0550, 30.0459, -23.7272



Tritanopia

109.3560, -3.1335, 25.1208

Trichromacy



Original Color

109.5320, 30.3037, 33.7364



Protanomaly

104.8900, 40.4802, -10.4275



Deuteranomaly

106.3010, 30.4176, -2.8950



Tritanomaly

109.2930, 9.2226, 28.6840

Monochromacy



Original Color

109.5320, 30.3037, 33.7364



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

109.6500, 11.0185, 12.5849

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.5320, 30.3037, 33.7364 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(148, 78, 171)` looks like.

```
.text, #text, p{  
    color:rgb(148, 78, 171)  
}
```

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(148, 78, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 78, 171) }
```

Border

The CSS property to change the border of an element to YUV 109.5320, 30.3037, 33.7364 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(148, 78, 171) }
```


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

```
.border{ border-color:rgb(148, 78, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 78, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 78, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 78, 171);  
box-shadow:4px 4px 4px 4px rgb(148, 78,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 109.5320, 30.3037, 33.7364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 78, 171) }
```

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

```
.background{ background-color: rgb(148, 78,  
171) }
```

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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