

Converting Colors

YUV(109.1100, 27.0608,
47.2615)

Have a look what the booklet for
YUV(109.1100, 27.0608, 47.2615)
contains.

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Color

**YUV(109.1100, 27.0608,
47.2615)**

Conversions

Conversions Part 1

Format	Color
Hex	A347A4
RGB	163, 71, 164
RGB Percent	64%, 28%, 64%
CMY	0.3608, 0.7216, 0.3569
CMYK	0.01, 0.57, 0.00, 0.36
HSL	299°, 40%, 46%
HSV	299°, 57%, 64%
XYZ	24.0583, 14.9733, 36.7441
YIQ	109.1100, 24.9790, 48.4270

Conversions

Conversions Part 2

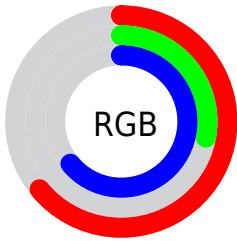
Format	Color
R_{YB}	163, 71, 164
Decimal	10700708
CIE _{Lab}	45.60, 50.78, -33.04
CIE _{LCh}	46, 60.581, 326.949
Yxy	14.9733, 0.3175, 0.1976
Android (android.graphics.Color)	4288890788 (0xFFA347A4)
YUV	109.1100, 27.0608, 47.2615
Hunter-Lab	38.6954, 43.2630, -29.2134

Details

The YUV color **109.1100, 27.0608, 47.2615** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **125.8900, -27.0608, -47.2615**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.5340, 27.3447, 49.5207**, and **51.5170, 29.8181, 49.5356** is the 20% darker color. If you saturate the color by 10%, you get **99.7180, 31.6910, 55.4983**, and if you desaturate by 10%, it is **118.5020, 22.4305, 39.0247**.

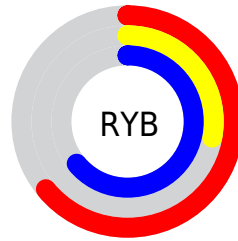
Distribution



Red (64%)

Green (28%)

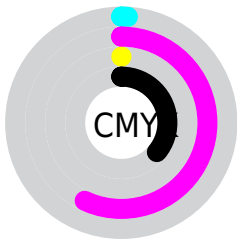
Blue (64%)



Red (64%)

Yellow (28%)

Blue (64%)

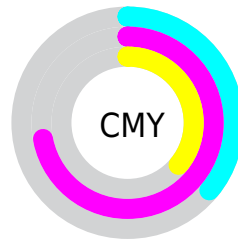


Cyan (1%)

Magenta (57%)

Yellow (0%)

Black (36%)



Cyan (36%)


Magenta (72%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.1100, 27.0608, 47.2615 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 109.1100, 27.0608, 47.2615 by changing the saturation by 10% instead.


 109.1100, 27.0608,
47.2615


 109.1100, 27.0608,
47.2615


255.0000, 0.0000,
0.0000


 81.8110, 27.2082,
46.6468


 163.5340, 27.3447,
49.5207


 51.5170, 29.8181,
49.5356


 191.3600, 27.9235,
50.5503

 34.4360, 25.9141,
41.7136


 210.3880, 21.9937,
39.1247

 24.2250, 19.1161,
28.7437

 226.8240, 13.8908,
24.7104

 14.5410, 13.0443,
16.1885

 243.8470, 5.4984,
9.7812

 2.6390, 7.5730,
-2.3144

 0.0000, 0.0000,

0.0000

■ 109.1100, 27.0608,
47.2615

■ 109.1100, 27.0608,
47.2615

■ 99.7180, 31.6910,
55.4983

■ 118.5020, 22.4305,
39.0247

■ 89.7390, 36.6107,
64.2499

■ 128.4810, 17.5109,
30.2732

■ 80.0480, 41.3883,
71.8719

■ 138.1720, 12.7332,
22.6512

■ 70.0690, 46.3080,
80.6235

■ 148.1510, 7.8136,
13.8996

■ 67.1340, 47.7549,
83.1975

■ 157.5430, 3.1833,
5.6628

■ 166.9350, -1.4470,
-2.5740

■ 176.9140, -6.3666,
-11.3256

■ 186.3060,
-10.9969, -19.5624

■ 196.5840,
-16.0639, -27.6992

Harmonies

Analogous

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



107.4320, 45.1430, -12.6569



109.1100, 27.0608, 47.2615



100.7540, 7.0233, 80.8997

Triad

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



109.1100, 27.0608, 47.2615



101.4130, -49.9966, 29.4558



93.7520, 29.2093, -82.2205

Complementary

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



109.1100, 27.0608, 47.2615



125.8900, -27.0608, -47.2615

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.



87.8240, 6.4958, -77.0216



109.1100, 27.0608, 47.2615



94.9800, -46.8251, -7.8755

Square

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



109.1100, 27.0608, 47.2615



101.9730, -42.3847, 61.4137



79.4340, -15.4970, -69.6636



95.9640, 47.8387, -84.1604

Rectangle

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



109.1100, 27.0608, 47.2615



99.3620, -8.5595, 85.6285



79.4340, -15.4970, -69.6636



92.4010, 21.4943, -81.0357

Sweetspot

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



109.1100, 27.0608, 47.2615



192.8680, 10.4181, 18.5328



82.7760, 40.0434, -10.3276



94.6730, 6.0772, 10.8108



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



109.1100, 27.0608, 47.2615



128.5860, 42.1091, 74.0311



104.2790, 7.2575, 52.3753



76.7170, 2.6045, 4.6332



59.5860, 42.1091, 74.0311



7.4340, 5.2090, 9.2664

Inverse Universe

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



98.9210, -13.2721, 57.0743



112.4690, -20.9372, 89.0427



130.7210, -7.2575, -52.3753



75.8050, -0.8899, 5.4330



43.5830, -20.5004, 88.9427



5.3820, -2.6533, 11.0660

Previews

White Background



This preview shows how the YUV color 109.1100, 27.0608, 47.2615 looks on a white background.

Color Contrast Check

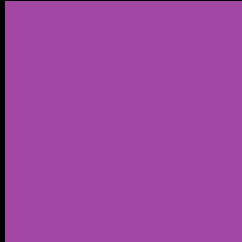
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.1100, 27.0608, 47.2615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

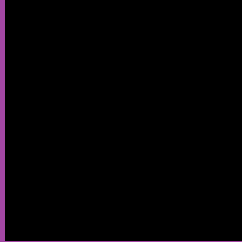
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.1100, 27.0608, 47.2615

Background



This preview shows how black text looks on a background with the YUV color 109.1100, 27.0608, 47.2615.



This preview shows how white text looks on a background with the YUV color 109.1100, 27.0608,

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

109.1100, 27.0608, 47.2615

Protanopia

104.1860, 44.7713, -33.4891

Deuteranopia

107.7200, 24.7880, -17.2944



Tritanopia

109.5320, -6.6713, 39.8754

Trichromacy



Original Color

109.1100, 27.0608, 47.2615



Protanomaly

105.7660, 38.5694, -4.1798



Deuteranomaly

108.3900, 25.4437, 5.7970



Tritanomaly

109.1700, 5.8322, 42.8239

Monochromacy



Original Color

109.1100, 27.0608, 47.2615



Achromatopsia

109.0000, 0.0000, 0.0000



Achromatomaly

109.0420, 9.8393, 17.5032

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.1100, 27.0608, 47.2615 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(163, 71, 164)` looks like.

```
.text, #text, p{  
    color:rgb(163, 71, 164)  
}
```

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(163, 71, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 71, 164) }
```

Border

The CSS property to change the border of an element to YUV 109.1100, 27.0608, 47.2615 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(163, 71, 164) }
```


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

```
.border{ border-color:rgb(163, 71, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 71, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 71, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 71, 164);  
box-shadow:4px 4px 4px 4px rgb(163, 71,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 109.1100, 27.0608, 47.2615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 71, 164) }
```

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

```
.background{ background-color: rgb(163, 71,  
164) }
```

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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