

Converting Colors

YUV(109.8290, 60.2303,
48.3850)

Have a look what the booklet for
YUV(109.8290, 60.2303, 48.3850)
contains.

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Color

**YUV(109.8290, 60.2303,
48.3850)**

Conversions

Conversions Part 1

Format	Color
Hex	A53AE8
RGB	165, 58, 232
RGB Percent	65%, 23%, 91%
CMY	0.3529, 0.7725, 0.0902
CMYK	0.29, 0.75, 0.00, 0.09
HSL	277°, 79%, 57%
HSV	277°, 75%, 91%
XYZ	31.5956, 16.8516, 77.9314
YIQ	109.8290, 7.9180, 76.7980

Conversions

Conversions Part 2

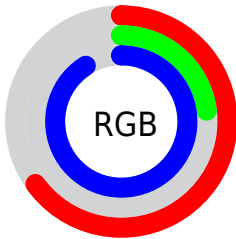
Format	Color
RYB	165, 58, 232
Decimal	10828520
CIELab	48.07, 70.19, -68.43
CIELCh	48, 98.028, 315.726
Yxy	16.8516, 0.2500, 0.1333
Android (android.graphics.Color)	4289018600 (0xFFA53AE8)
YUV	109.8290, 60.2303, 48.3850
Hunter-Lab	41.0507, 65.5476, -83.8215

Details

The YUV color $109.8290, 60.2303, 48.3850$ is a light color, and the websafe version is hex $9900CC$. The color can be described as light washed purple. A complement of this color would be $180.1710, -60.2303, -48.3850$, and the grayscale version is $109.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $163.8500, 44.9370, 53.6286$, and $51.6440, 60.8145, 47.6702$ is the 20% darker color. If you saturate the color by 10%, you get $93.6370, 68.2130, 54.6924$, and if you desaturate by 10%, it is $126.0210, 52.2476, 42.0776$.

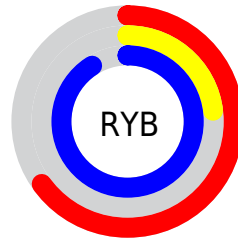
Distribution



Red (65%)

Green (23%)

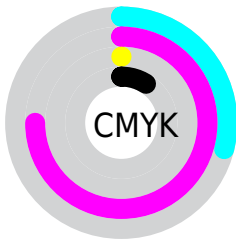
Blue (91%)



Red (65%)

Yellow (23%)

Blue (91%)

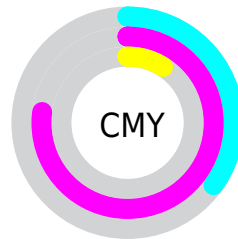


Cyan (29%)

Magenta (75%)

Yellow (0%)

Black (9%)



Cyan (35%)

Magenta (77%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.8290, 60.2303, 48.3850 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 109.8290, 60.2303, 48.3850 by changing the saturation by 10% instead.

 109.8290, 60.2303,
48.3850


 109.8290, 60.2303,
48.3850


255.0000, 0.0000,
0.0000


 77.3070, 61.9666,
51.4738


 163.8500, 44.9370,
53.6286


 51.6440, 60.8145,
47.6702


 189.8430, 32.1224,
57.1427

 39.8950, 53.2958,
32.5411


 206.2790, 24.0195,
42.7283

 27.2490, 46.2192,
15.5676

 223.3020, 15.6271,
27.7991

 12.0260, 40.9062,
-7.0388

 240.3250, 7.2348,
12.8700

 7.9800, 30.5759,
-6.9985

 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 109.8290, 60.2303,
48.3850

■ 109.8290, 60.2303,
48.3850

■ 93.6370, 68.2130,
54.6924

■ 126.0210, 52.2476,
42.0776

■ 77.4450, 76.1956,
60.9997

■ 142.2130, 44.2650,
35.7702

■ 69.2050, 80.2579,
64.7182

■ 158.9920, 35.9929,
28.9480

■ 175.1840, 28.0103,
22.6406

■ 191.3760, 20.0276,
16.3332

■ 207.5680, 12.0450,
10.0259

■ 223.7600, 4.0623,
3.7185

■ 240.2400, -4.0623,
-3.7185

■ 249.3880, -8.5723,
-3.8483

Harmonies

Analogous

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



94.2270, 79.2611, -82.6371



109.8290, 60.2303, 48.3850



88.4620, 33.7892, 129.3908

Triad

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



109.8290, 60.2303, 48.3850



107.4810, -52.9881, 55.7062



103.6000, 26.3262, -90.8572

Complementary

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



109.8290, 60.2303, 48.3850



180.1710, -60.2303, -48.3850

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.



91.9210, -10.8071, -80.6147



109.8290, 60.2303, 48.3850



102.3890, -50.4778, -2.9722

Square

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



109.8290, 60.2303, 48.3850



86.3470, -42.5691, 120.7217



80.4190, -39.6466, -70.5275



111.6770, 59.8122, -97.9407

Rectangle

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



109.8290, 60.2303, 48.3850



86.4920, 8.1384, 143.3965



80.4190, -39.6466, -70.5275



99.8210, 14.3852, -87.5430

Sweetspot

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



109.8290, 60.2303, 48.3850



213.4900, 20.4644, 16.2333



118.9260, 55.7455, -53.4321



102.6820, 12.4818, 9.9259



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



109.8290, 60.2303, 48.3850



93.6780, 79.5317, 64.3034



127.9240, 42.9285, 91.2747



106.4610, 4.2097, 3.1037



53.2960, 61.9721, 49.7294



15.0830, 17.7071, 13.9592

Inverse Universe

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



117.6640, 3.6166, 100.2727



103.9160, 4.9714, 132.5007



162.0760, -42.9285, -91.2747



107.1580, 0.4151, 6.8774



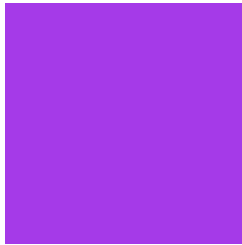
61.3870, 3.7532, 103.1466



17.5290, 1.2182, 29.3541

Previews

White Background



This preview shows how the YUV color 109.8290, 60.2303, 48.3850 looks on a white background.

Color Contrast Check

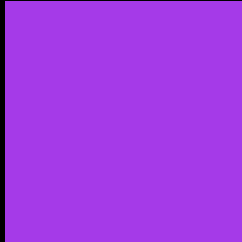
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.8290, 60.2303, 48.3850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

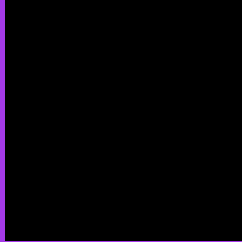
Any Text WCAG AA × Fail

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 109.8290, 60.2303, 48.3850 Background



This preview shows how black text looks on a background with the YUV color 109.8290, 60.2303, 48.3850.



This preview shows how white text looks on a background with the YUV color 109.8290, 60.2303,

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

109.8290, 60.2303, 48.3850

Protanopia

91.1320, 69.9409, -79.9228

Deuteranopia

91.9350, 55.2480, -80.6270



Tritanopia

116.1710, -2.5493, 24.4060

Trichromacy



Original Color

109.8290, 60.2303, 48.3850



Protanomaly

97.9190, 66.5949, -33.2550



Deuteranomaly

98.6880, 56.8488, -33.9294



Tritanomaly

114.1870, 20.1208, 33.1620

Monochromacy



Original Color

109.8290, 60.2303, 48.3850



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

109.8430, 21.7694, 17.6777

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.8290, 60.2303, 48.3850 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(165, 58, 232)` looks like.

```
.text, #text, p{  
    color:rgb(165, 58, 232)  
}
```

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(165, 58, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 58, 232) }
```

Border

The CSS property to change the border of an element to YUV 109.8290, 60.2303, 48.3850 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(165, 58, 232) }
```


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

```
.border{ border-color:rgb(165, 58, 232) }
```

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

Here you see how a box with a 4 pixel rgb(165, 58, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 58, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 58, 232);  
box-shadow:4px 4px 4px 4px rgb(165, 58,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 109.8290, 60.2303, 48.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 58, 232) }
```

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

```
.background{ background-color: rgb(165, 58,  
232) }
```

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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