

Converting Colors

YUV(96.9200, 48.8464, 59.7062)

Have a look what the booklet for
YUV(96.9200, 48.8464, 59.7062)
contains.

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Color

**YUV(96.9200, 48.8464,
59.7062)**

Conversions

Conversions Part 1

Format	Color
Hex	A52BC4
RGB	165, 43, 196
RGB Percent	65%, 17%, 77%
CMY	0.3529, 0.8314, 0.2314
CMYK	0.16, 0.78, 0.00, 0.23
HSL	288°, 64%, 47%
HSV	288°, 78%, 77%
XYZ	26.3447, 13.7126, 53.4828
YIQ	96.9200, 23.5990, 73.4470

Conversions

Conversions Part 2

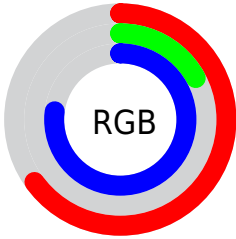
Format	Color
R _{YB}	165, 43, 196
Decimal	10824644
CIE _{Lab}	43.82, 68.17, -54.67
CIE _{LCh}	44, 87.381, 321.271
Y _{xy}	13.7126, 0.2816, 0.1466
Android (android.graphics.Color)	4289014724 (0xFFA52BC4)
YUV	96.9200, 48.8464, 59.7062
Hunter-Lab	37.0305, 62.1873, -59.7106

Details

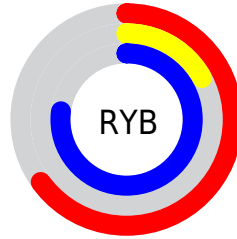
The YUV color **96.9200, 48.8464, 59.7062** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **142.0800, -48.8464, -59.7062**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.2790, 47.6835, 59.3913**, and **48.3660, 45.6686, 52.2990** is the 20% darker color. If you saturate the color by 10%, you get **83.9840, 55.2239, 67.5430**, and if you desaturate by 10%, it is **109.8560, 42.4690, 51.8693**.

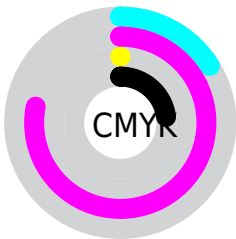
Distribution



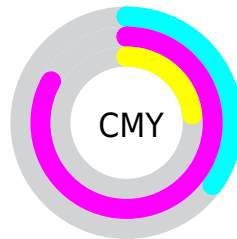
- Red (65%)
- Green (17%)
- Blue (77%)



- Red (65%)
- Yellow (17%)
- Blue (77%)



- Cyan (16%)
- Magenta (78%)
- Yellow (0%)
- Black (23%)



- Cyan (35%)
- Magenta (83%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.9200, 48.8464, 59.7062 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 96.9200, 48.8464, 59.7062 by changing the saturation by 10% instead.

96.9200, 48.8464,
59.7062

96.9200, 48.8464,
59.7062

255.0000, 0.0000,
0.0000

59.8160, 53.3347,
66.8134

156.2790, 47.6835,
59.3913

48.3660, 45.6686,
52.2990

181.9130, 36.0319,
63.2203

37.0300, 38.4392,
37.6847

198.6480, 27.7815,
49.4207

26.1070, 31.4992,
23.5852

215.6710, 19.3892,
34.4915

14.2870, 25.0015,
7.6413

232.6940, 10.9969,
19.5624

6.5490, 17.4773,
-5.7435

250.3040, 2.3151,

2.8670, 8.4466,

4.1184

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 96.9200, 48.8464,
59.7062

■ 96.9200, 48.8464,
59.7062

■ 83.9840, 55.2239,
67.5430

■ 109.8560, 42.4690,
51.8693

■ 71.6350, 61.3119,
74.8651

■ 122.2050, 36.3809,
44.5472

■ 68.9880, 62.6169,
76.3095

■ 135.1410, 30.0035,
36.7103

■ 147.4900, 23.9154,
29.3883

■ 160.4260, 17.5380,
21.5514

■ 173.3620, 11.1605,
13.7145

■ 185.7110, 5.0725,
6.3925

■ 198.6470, -1.3050,
-1.4444

■ 210.9960, -7.3930,
-8.7665

Harmonies

Analogous

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



83.3530, 78.2130, -73.1006



96.9200, 48.8464, 59.7062



79.1760, 24.0702, 119.9946

Triad

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



96.9200, 48.8464, 59.7062



97.6470, -48.1400, 40.6516



95.1540, 29.5041, -83.4501

Complementary

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



96.9200, 48.8464, 59.7062



142.0800, -48.8464, -59.7062

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.



85.3160, -3.1138, -74.8221



96.9200, 48.8464, 59.7062



90.5280, -44.6303, -11.8641

Square

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



96.9200, 48.8464, 59.7062



87.9430, -43.3559, 93.0120



73.9620, -36.4633, -64.8647



101.1620, 57.6011, -88.7191

Rectangle

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



96.9200, 48.8464, 59.7062



76.0960, 1.9247, 129.7118



73.9620, -36.4633, -64.8647



92.3040, 18.5841, -80.9506

Sweetspot

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



96.9200, 48.8464, 59.7062



216.7790, 18.8430, 22.9958



79.8130, 57.2802, -32.2850



104.4760, 11.5973, 13.6145



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.



96.9200, 48.8464, 59.7062



99.4690, 76.6768, 93.4277



101.2870, 25.4945, 83.0633



90.5320, 3.1887, 3.9184



56.6260, 51.4564, 62.5950



11.5360, 10.5818, 12.6849

Inverse Universe

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



92.2810, -9.0125, 90.9616



92.3460, -13.9746, 142.6476



137.7130, -25.4945, -83.0633



90.2180, -0.6005, 5.9478



51.9010, -9.3182, 95.6798



10.6650, -1.8068, 19.5878

Previews

White Background



This preview shows how the YUV color 96.9200, 48.8464, 59.7062 looks on a white background.

Color Contrast Check

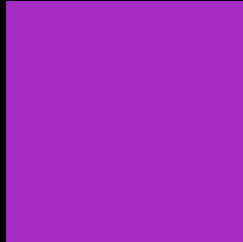
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.9200, 48.8464, 59.7062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

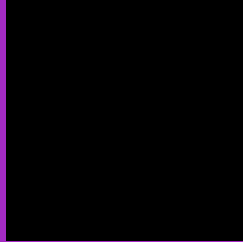
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.9200, 48.8464, 59.7062

Background



This preview shows how black text looks on a background with the YUV color 96.9200, 48.8464, 59.7062.



This preview shows how white text looks on a background with the YUV color 96.9200, 48.8464,

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

96.9200, 48.8464, 59.7062

Protanopia

83.5690, 63.8095, -73.2900

Deuteranopia

91.2000, 46.7364, -57.1804



Tritanopia

105.4180, -7.1081, 39.9754

Trichromacy



Original Color

96.9200, 48.8464, 59.7062

Protanomaly

88.4980, 58.4215, -24.9927

Deuteranomaly

93.4040, 47.6218, -14.3863

Tritanomaly

102.4400, 13.0941, 46.9721

Monochromacy



Original Color

96.9200, 48.8464, 59.7062

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.8390, 17.8274, 22.0662

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.9200, 48.8464, 59.7062 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, 43, 196)` looks like.

```
.text, #text, p{  
    color:rgb(165, 43, 196)  
}
```

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, 43, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 43, 196) }
```

Border

The CSS property to change the border of an element to YUV 96.9200, 48.8464, 59.7062 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, 43, 196) }
```


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

```
.border{ border-color:rgb(165, 43, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 43, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 43, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 43, 196);  
box-shadow:4px 4px 4px 4px rgb(165, 43,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 96.9200, 48.8464, 59.7062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 43, 196) }
```

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

```
.background{ background-color: rgb(165, 43,  
196) }
```

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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