

Converting Colors

YUV(84.8420, 33.6019, 49.2506)

Have a look what the booklet for
YUV(84.8420, 33.6019, 49.2506)
contains.

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Color

**YUV(84.8420, 33.6019,
49.2506)**

Conversions

Conversions Part 1

Format	Color
Hex	8D2B99
RGB	141, 43, 153
RGB Percent	55%, 17%, 60%
CMY	0.4471, 0.8314, 0.4000
CMYK	0.08, 0.72, 0.00, 0.40
HSL	293°, 56%, 38%
HSV	293°, 72%, 60%
XYZ	17.5982, 9.6904, 31.0799
YIQ	84.8420, 23.0980, 54.9860

Conversions

Conversions Part 2

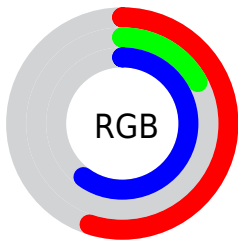
Format	Color
R_{YB}	141, 43, 153
Decimal	9251737
CIE _{Lab}	37.28, 55.32, -39.82
CIE _{LCh}	37, 68.162, 324.252
Yxy	9.6904, 0.3015, 0.1660
Android (android.graphics.Color)	4287441817 (0xFF8D2B99)
YUV	84.8420, 33.6019, 49.2506
Hunter-Lab	31.1294, 46.4337, -37.4052

Details

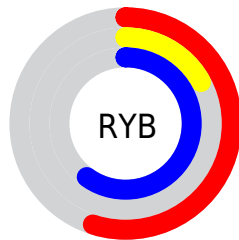
The YUV color **84.8420, 33.6019, 49.2506** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **111.1580, -33.6019, -49.2506**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.1410, 33.4545, 49.8653**, and **37.5270, 31.2922, 43.3878** is the 20% darker color. If you saturate the color by 10%, you get **75.4390, 38.2376, 55.7430**, and if you desaturate by 10%, it is **94.2450, 28.9662, 42.7581**.

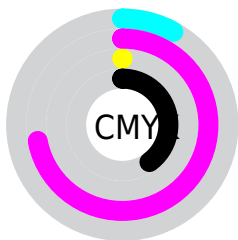
Distribution



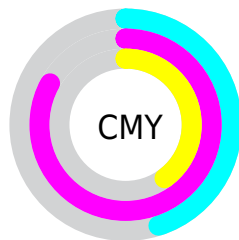
- Red (55%)
- Green (17%)
- Blue (60%)



- Red (55%)
- Yellow (17%)
- Blue (60%)



- Cyan (8%)
- Magenta (72%)
- Yellow (0%)
- Black (40%)



- Cyan (45%)
- Magenta (83%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.8420, 33.6019, 49.2506 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 84.8420, 33.6019, 49.2506 by changing the saturation by 10% instead.

84.8420, 33.6019,
49.2506

84.8420, 33.6019,
49.2506

255.0000, 0.0000,
0.0000

51.4990, 37.2220,
54.8134

140.1410, 33.4545,
49.8653

37.5270, 31.2922,
43.3878

168.1520, 33.4491,
51.6097

26.7180, 24.7890,
29.1883

194.5390, 29.8073,
53.0243

17.1050, 17.6962,
17.4479

210.9750, 21.7043,
38.6099

4.1210, 13.2513,
-3.6141

227.9980, 13.3120,
23.6808

0.2280, 0.8736,
-0.2000

245.0210, 4.9196,

0.0000, 0.0000,

8.7516

0.0000

■ 84.8420, 33.6019,
49.2506

■ 84.8420, 33.6019,
49.2506

■ 75.4390, 38.2376,
55.7430

■ 94.2450, 28.9662,
42.7581

■ 65.7480, 43.0152,
63.3650

■ 103.9360, 24.1886,
35.1361

■ 58.1060, 46.7827,
68.3130

■ 113.3390, 19.5529,
28.6437

■ 122.7420, 14.9172,
22.1513

■ 132.4330, 10.1395,
14.5293

■ 141.8360, 5.5039,
8.0368

■ 151.2390, 0.8682,
1.5444

■ 160.3430, -3.6201,
-5.5628

■ 170.3330, -8.5452,
-12.5700

Harmonies

Analogous

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



80.3030, 54.0806, -32.7147



84.8420, 33.6019, 49.2506



64.1380, 18.1730, 98.1030

Triad

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



84.8420, 33.6019, 49.2506



83.1170, -40.9767, 29.7154



79.6180, 25.8243, -69.8250

Complementary

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



84.8420, 33.6019, 49.2506



111.1580, -33.6019, -49.2506

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.



72.5330, 1.2162, -63.6114



84.8420, 33.6019, 49.2506



76.9610, -37.9418, -10.4898

Square

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



84.8420, 33.6019, 49.2506



78.9290, -38.9120, 67.5913



63.2480, -26.7443, -55.4685



83.5740, 46.0590, -73.2944

Rectangle

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



84.8420, 33.6019, 49.2506



61.5290, 1.7112, 104.7761



63.2480, -26.7443, -55.4685



77.4520, 17.5252, -67.9254

Sweetspot

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



84.8420, 33.6019, 49.2506



171.6770, 13.4702, 19.5773



63.1710, 44.2857, -17.6900



83.7270, 7.5296, 11.6404



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



84.8420, 33.6019, 49.2506



92.9420, 52.2866, 76.3499



83.6420, 13.4875, 60.8270



72.0050, 2.4625, 3.5036



53.3350, 42.7258, 62.8502



4.7710, 4.0569, 5.4628

Inverse Universe

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



77.2580, -10.9732, 66.4257



81.2950, -16.9074, 103.2273



112.3580, -13.4875, -60.8270



71.5060, -0.7425, 4.8182



43.5700, -14.0850, 84.5691



4.0010, -1.4795, 7.8921

Previews

White Background



This preview shows how the YUV color 84.8420, 33.6019, 49.2506 looks on a white background.

Color Contrast Check

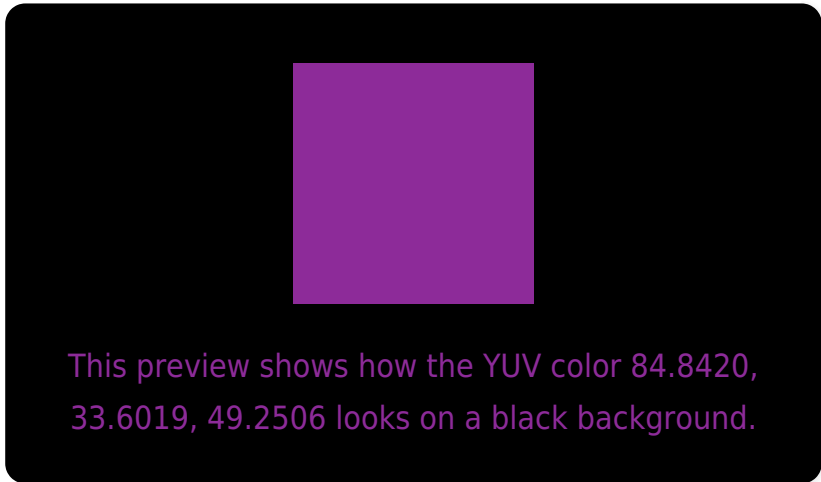
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

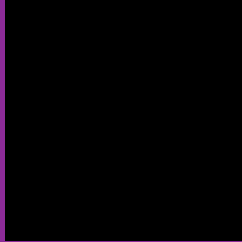
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.8420, 33.6019, 49.2506

Background



This preview shows how black text looks on a background with the YUV color 84.8420, 33.6019, 49.2506.



This preview shows how white text looks on a background with the YUV color 84.8420, 33.6019,

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

84.8420, 33.6019, 49.2506

Protanopia

70.5290, 54.4622, -61.8539

Deuteranopia

84.7340, 30.2041, -27.8307



Tritanopia

88.8090, -6.8078, 37.0015

Trichromacy



Original Color

84.8420, 33.6019, 49.2506

Protanomaly

75.8330, 46.9173, -21.7785

Deuteranomaly

84.6650, 31.7172, 0.2938

Tritanomaly

87.3270, 7.7268, 41.8092

Monochromacy



Original Color

84.8420, 33.6019, 49.2506

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.0250, 12.3127, 17.5181

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.8420, 33.6019, 49.2506 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(141, 43, 153)` looks like.

```
.text, #text, p{  
  color:rgb(141, 43, 153)  
}
```

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(141, 43, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 43, 153) }
```

Border

The CSS property to change the border of an element to YUV 84.8420, 33.6019, 49.2506 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(141, 43, 153) }
```


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

```
.border{ border-color:rgb(141, 43, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 43, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 43, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 43, 153);  
box-shadow:4px 4px 4px 4px rgb(141, 43,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 84.8420, 33.6019, 49.2506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 43, 153) }
```

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

```
.background{ background-color: rgb(141, 43,  
153) }
```

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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