

Converting Colors

YUV(85.2660, 33.8859, 51.5097)

Have a look what the booklet for
YUV(85.2660, 33.8859, 51.5097)
contains.

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Color

**YUV(85.2660, 33.8859,
51.5097)**

Conversions

Conversions Part 1

Format	Color
Hex	902A9A
RGB	144, 42, 154
RGB Percent	56%, 16%, 60%
CMY	0.4353, 0.8353, 0.3961
CMYK	0.06, 0.73, 0.00, 0.40
HSL	295°, 57%, 38%
HSV	295°, 73%, 60%
XYZ	18.1623, 9.9183, 31.5290
YIQ	85.2660, 24.8400, 56.4560

Conversions

Conversions Part 2

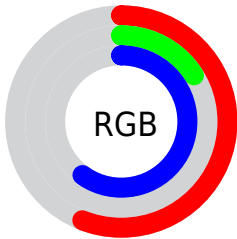
Format	Color
RYB	144, 42, 154
Decimal	9448090
CIELab	37.70, 56.55, -39.74
CIElCh	38, 69.113, 324.902
Yxy	9.9183, 0.3047, 0.1664
Android (android.graphics.Color)	4287638170 (0xFF902A9A)
YUV	85.2660, 33.8859, 51.5097
Hunter-Lab	31.4934, 47.8280, -37.3118

Details

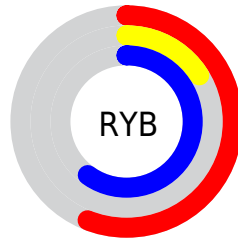
The YUV color **85.2660, 33.8859, 51.5097** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **110.7340, -33.8859, -51.5097**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.4510, 33.3017, 52.2245**, and **38.5380, 31.2868, 45.1322** is the 20% darker color. If you saturate the color by 10%, you get **76.1620, 38.3741, 58.6169**, and if you desaturate by 10%, it is **94.3700, 29.3976, 44.4025**.

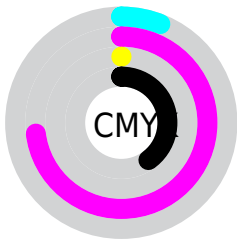
Distribution



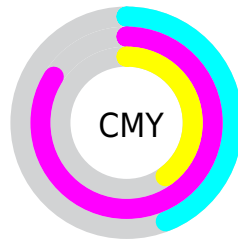
- Red (56%)
- Green (16%)
- Blue (60%)



- Red (56%)
- Yellow (16%)
- Blue (60%)



- Cyan (6%)
- Magenta (73%)
- Yellow (0%)
- Black (40%)





- Cyan (44%)
- Magenta (84%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.2660, 33.8859, 51.5097 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 85.2660, 33.8859, 51.5097 by changing the saturation by 10% instead.


 85.2660, 33.8859,
51.5097


 85.2660, 33.8859,
51.5097


255.0000, 0.0000,
0.0000


 50.7490, 38.0847,
58.1021


 141.4510, 33.3017,
52.2245


 38.5380, 31.2868,
45.1322


 169.2770, 33.8804,
53.2541


 27.7290, 24.7836,
30.9327


 194.5390, 29.8073,
53.0243

 18.1160, 17.6908,
19.1923

 210.9750, 21.7043,
38.6099

 3.6480, 13.9775,
-3.1993

 227.9980, 13.3120,
23.6808

 0.3420, 1.3104,
-0.2999

 245.0210, 4.9196,

 0.0000, 0.0000,

8.7516

0.0000

■ 85.2660, 33.8859,
51.5097

■ 85.2660, 33.8859,
51.5097

■ 76.1620, 38.3741,
58.6169

■ 94.3700, 29.3976,
44.4025

■ 66.1720, 43.2992,
65.6242

■ 104.3600, 24.4725,
37.3953

■ 59.4160, 46.6299,
70.6722

■ 113.4640, 19.9842,
30.2881

■ 123.1550, 15.2066,
22.6661

■ 132.5580, 10.5709,
16.1736

■ 141.6620, 6.0826,
9.0664

■ 151.6520, 1.1576,
2.0592

■ 160.7560, -3.3307,
-5.0480

■ 170.4470, -8.1084,
-12.6700

Harmonies

Analogous

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



82.0260, 54.2172, -29.8408



85.2660, 33.8859, 51.5097



65.0350, 17.7307, 99.9473

Triad

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



85.2660, 33.8859, 51.5097



83.7040, -41.2661, 29.2006



81.1340, 26.5559, -71.1545

Complementary

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



85.2660, 33.8859, 51.5097



110.7340, -33.8859, -51.5097

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.



73.9350, 1.5110, -64.8410



85.2660, 33.8859, 51.5097



77.2490, -38.0838, -11.6194

Square

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



85.2660, 33.8859, 51.5097



79.8150, -39.3488, 67.6912



64.0630, -26.1601, -56.1833



84.6170, 47.5168, -74.2091

Rectangle

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



85.2660, 33.8859, 51.5097



62.0130, 0.9796, 106.1056



64.0630, -26.1601, -56.1833



78.9680, 18.2568, -69.2549

Sweetspot

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



85.2660, 33.8859, 51.5097



173.9760, 13.3228, 20.1920



61.2250, 45.7381, -16.8603



85.5530, 8.1084, 12.6700



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



85.2660, 33.8859, 51.5097



93.7900, 52.8545, 80.8682



83.1260, 12.7559, 62.1565



72.0050, 2.4625, 3.5036



54.2320, 42.2836, 64.6945



5.0700, 3.9095, 6.0776

Inverse Universe

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



76.6280, -12.1416, 67.8552



80.1490, -18.8075, 105.9863



112.8740, -12.7559, -62.1565



71.5060, -0.7425, 4.8182



43.3420, -14.9586, 84.7691



4.0010, -1.4795, 7.8921

Previews

White Background



This preview shows how the YUV color 85.2660, 33.8859, 51.5097 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



This preview shows how the YUV color 85.2660, 33.8859, 51.5097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

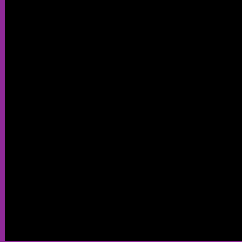
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.2660, 33.8859, 51.5097

Background



This preview shows how black text looks on a background with the YUV color 85.2660, 33.8859, 51.5097.



This preview shows how white text looks on a background with the YUV color 85.2660, 33.8859,

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

85.2660, 33.8859, 51.5097

Protanopia

71.4580, 55.4832, -62.6687

Deuteranopia

85.9190, 29.6199, -27.1160



Tritanopia

89.7060, -7.2501, 38.8458

Trichromacy



Original Color

85.2660, 33.8859, 51.5097



Protanomaly

76.3600, 47.6435, -21.3637



Deuteranomaly

85.8500, 31.1329, 1.0085



Tritanomaly

88.3380, 7.7214, 43.5536

Monochromacy



Original Color

85.2660, 33.8859, 51.5097



Achromatopsia

85.0000, 0.0000, 0.0000



Achromatomaly

84.7370, 12.4547, 18.6477

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.2660, 33.8859, 51.5097 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(144, 42, 154)` looks like.

```
.text, #text, p{  
    color:rgb(144, 42, 154)  
}
```

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(144, 42, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 42, 154) }
```

Border

The CSS property to change the border of an element to YUV 85.2660, 33.8859, 51.5097 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(144, 42, 154) }
```


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

```
.border{ border-color:rgb(144, 42, 154) }
```

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

Here you see how a box with a 4 pixel rgb(144, 42, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 42, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 42, 154);  
box-shadow:4px 4px 4px 4px rgb(144, 42,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 85.2660, 33.8859, 51.5097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 42, 154) }
```

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

```
.background{ background-color: rgb(144, 42,  
154) }
```

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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