

Converting Colors

YUV(85.9180, 51.8054, 43.9219)

Have a look what the booklet for
YUV(85.9180, 51.8054, 43.9219)
contains.

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Color

**YUV(85.9180, 51.8054,
43.9219)**

Conversions

Conversions Part 1

Format	Color
Hex	8828BF
RGB	136, 40, 191
RGB Percent	53%, 16%, 75%
CMY	0.4667, 0.8431, 0.2510
CMYK	0.29, 0.79, 0.00, 0.25
HSL	278°, 65%, 45%
HSV	278°, 79%, 75%
XYZ	20.3161, 10.5134, 50.2487
YIQ	85.9180, 8.7450, 67.3130

Conversions

Conversions Part 2

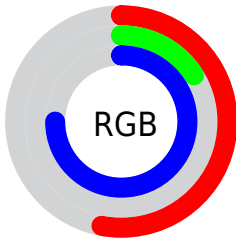
Format	Color
R _{YB}	136, 40, 191
Decimal	8923327
CIE _{Lab}	38.75, 62.97, -60.16
CIE _{LCh}	39, 87.089, 316.306
Yxy	10.5134, 0.2506, 0.1297
Android (android.graphics.Color)	4287113407 (0xFF8828BF)
YUV	85.9180, 51.8054, 43.9219
Hunter-Lab	32.4244, 55.0998, -69.1858

Details

The YUV color **85.9180, 51.8054, 43.9219** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **145.0820, -51.8054, -43.9219**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.2170, 51.6580, 44.5367**, and **39.1250, 47.7594, 34.9704** is the 20% darker color. If you saturate the color by 10%, you get **72.6720, 58.3357, 49.3997**, and if you desaturate by 10%, it is **99.1640, 45.2751, 38.4442**.

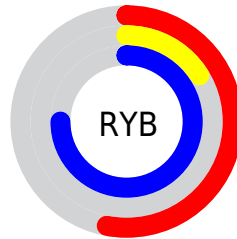
Distribution



Red (53%)

Green (16%)

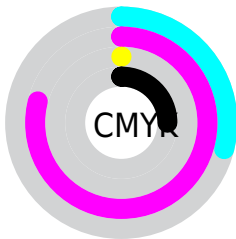
Blue (75%)



Red (53%)

Yellow (16%)

Blue (75%)

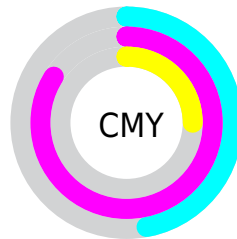


Cyan (29%)

Magenta (79%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (84%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.9180, 51.8054, 43.9219 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 85.9180, 51.8054, 43.9219 by changing the saturation by 10% instead.

85.9180, 51.8054,
43.9219

85.9180, 51.8054,
43.9219

255.0000, 0.0000,
0.0000

50.8740, 55.2781,
50.0995

143.2170, 51.6580,
44.5367

39.1250, 47.7594,
34.9704

168.5350, 42.6272,
47.7658

27.4900, 40.6774,
19.7413

193.9410, 30.1021,
51.7947

15.9690, 34.0323,
4.4122

210.9750, 21.7043,
38.6099

6.9540, 26.6447,
-6.0987

227.9980, 13.3120,
23.6808

5.5060, 16.0195,
-4.8288

245.0210, 4.9196,

2.2970, 6.2626,

8.7516

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 85.9180, 51.8054,
43.9219

■ 85.9180, 51.8054,
43.9219

■ 72.6720, 58.3357,
49.3997

■ 99.1640, 45.2751,
38.4442

■ 59.4260, 64.8660,
54.8774

■ 112.4100, 38.7449,
32.9664

■ 57.9530, 65.5922,
55.2922

■ 125.6560, 32.2146,
27.4887

■ 138.9020, 25.6843,
22.0109

■ 152.7350, 18.8646,
16.0184

■ 165.9810, 12.3344,
10.5407

■ 179.2270, 5.8041,
5.0629

■ 192.4730, -0.7262,
-0.4148

■ 205.7190, -7.2565,
-5.8926

Harmonies

Analogous

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



78.5770, 75.1445, -68.9120



85.9180, 51.8054, 43.9219



72.7830, 26.7290, 107.1843

Triad

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



85.9180, 51.8054, 43.9219



85.8740, -42.3359, 45.7145



84.0860, 22.6356, -73.7434

Complementary

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



85.9180, 51.8054, 43.9219



145.0820, -51.8054, -43.9219

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.



74.3620, -9.5455, -65.2155



85.9180, 51.8054, 43.9219



81.4240, -40.1420, -4.7568

Square

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



85.9180, 51.8054, 43.9219



65.5820, -32.3319, 103.8526



65.1570, -32.1224, -57.1427



90.7950, 50.8801, -79.6272

Rectangle

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



85.9180, 51.8054, 43.9219



71.0130, 4.4306, 119.2606



65.1570, -32.1224, -57.1427



80.6490, 12.0050, -70.7292

Sweetspot

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



85.9180, 51.8054, 43.9219



206.0880, 20.1696, 17.4628



89.4990, 50.0400, -43.4106



99.9810, 12.3344, 10.5407



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



85.9180, 51.8054, 43.9219



83.6400, 80.5365, 68.7217



100.0830, 34.9621, 79.7342



87.8200, 3.0467, 2.7889



48.2110, 54.1260, 46.2960



9.2150, 10.7400, 8.5814

Inverse Universe

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



91.4190, 1.7654, 87.3325



92.0690, 2.9240, 135.8745



130.9170, -34.9621, -79.7342



88.0330, -0.0163, 5.2331



53.8540, 2.0440, 91.3360



10.5230, 0.2352, 17.9583

Previews

White Background



This preview shows how the YUV color 85.9180, 51.8054, 43.9219 looks on a white background.

Color Contrast Check

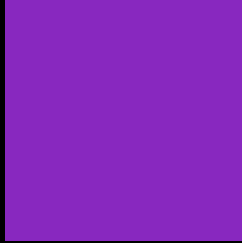
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.9180, 51.8054, 43.9219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

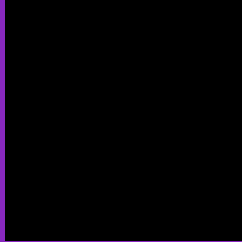
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.9180, 51.8054, 43.9219

Background



This preview shows how black text looks on a background with the YUV color 85.9180, 51.8054, 43.9219.



This preview shows how white text looks on a background with the YUV color 85.9180, 51.8054,

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

85.9180, 51.8054, 43.9219

Protanopia

73.5610, 55.9254, -64.5130

Deuteranopia

73.7600, 43.9953, -64.6875



Tritanopia

93.4480, -2.6859, 21.5321

Trichromacy



Original Color

85.9180, 51.8054, 43.9219

Protanomaly

77.7600, 54.3483, -25.2225

Deuteranomaly

77.8110, 46.9282, -25.2672

Tritanomaly

90.9540, 16.7847, 29.8583

Monochromacy



Original Color

85.9180, 51.8054, 43.9219

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.7350, 18.8646, 16.0184

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.9180, 51.8054, 43.9219 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(136, 40, 191)` looks like.

```
.text, #text, p{  
    color:rgb(136, 40, 191)  
}
```

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(136, 40, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 40, 191) }
```

Border

The CSS property to change the border of an element to YUV 85.9180, 51.8054, 43.9219 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(136, 40, 191) }
```


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

```
.border{ border-color:rgb(136, 40, 191) }
```

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

Here you see how a box with a 4 pixel rgb(136, 40, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 40, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 40, 191);  
box-shadow:4px 4px 4px 4px rgb(136, 40,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 85.9180, 51.8054, 43.9219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 40, 191) }
```

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

```
.background{ background-color: rgb(136, 40,  
191) }
```

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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