

Converting Colors

YUV(85.5420, 55.4418, 44.2517)

Have a look what the booklet for
YUV(85.5420, 55.4418, 44.2517)
contains.

YUV(85.5420, 55.4418, 44.2517)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(85.5420, 55.4418,
44.2517)**

Conversions

Conversions Part 1

Format	Color
Hex	8826C6
RGB	136, 38, 198
RGB Percent	53%, 15%, 78%
CMY	0.4667, 0.8510, 0.2235
CMYK	0.31, 0.81, 0.00, 0.22
HSL	277°, 68%, 46%
HSV	277°, 81%, 78%
XYZ	21.0395, 10.6977, 54.3820
YIQ	85.5420, 7.0480, 70.5360

Conversions

Conversions Part 2

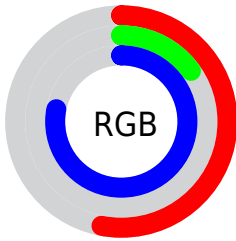
Format	Color
R_{YB}	136, 38, 198
Decimal	8922822
CIE _{Lab}	39.07, 65.10, -63.74
CIE _{LCh}	39, 91.112, 315.607
Yxy	10.6977, 0.2443, 0.1242
Android (android.graphics.Color)	4287112902 (0xFF8826C6)
YUV	85.5420, 55.4418, 44.2517
Hunter-Lab	32.7073, 57.5852, -75.6856

Details

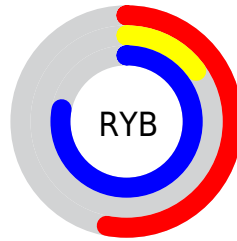
The YUV color **85.5420, 55.4418, 44.2517** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **150.4580, -55.4418, -44.2517**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.4280, 55.0050, 44.3516**, and **39.6240, 50.9644, 33.6558** is the 20% darker color. If you saturate the color by 10%, you get **71.4100, 62.4089, 49.6294**, and if you desaturate by 10%, it is **99.6740, 48.4747, 38.8739**.

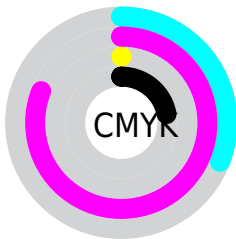
Distribution



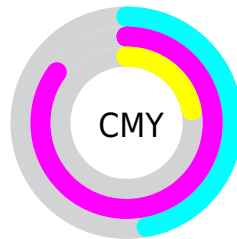
- Red (53%)
- Green (15%)
- Blue (78%)



- Red (53%)
- Yellow (15%)
- Blue (78%)



- Cyan (31%)
- Magenta (81%)
- Yellow (0%)
- Black (22%)





- Cyan (47%)
- Magenta (85%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.5420, 55.4418, 44.2517 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 85.5420, 55.4418, 44.2517 by changing the saturation by 10% instead.


 85.5420, 55.4418,
44.2517


 85.5420, 55.4418,
44.2517


255.0000, 0.0000,
0.0000


 51.3730, 58.4831,
48.7849


 143.4280, 55.0050,
44.3516


 39.6240, 50.9644,
33.6558


 168.2470, 42.7692,
48.8954


 27.5760, 43.5930,
17.9118


 193.6530, 30.2441,
52.9243

 15.1580, 37.3901,
0.7384

 210.3880, 21.9937,
39.1247

 7.5240, 28.8287,
-6.5985

 227.4110, 13.6014,
24.1956

 6.6630, 17.9141,
-5.8435

 244.4340, 5.2090,

 2.9810, 8.8834,

9.2664

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 85.5420, 55.4418,
44.2517

■ 85.5420, 55.4418,
44.2517

■ 71.4100, 62.4089,
49.6294

■ 99.6740, 48.4747,
38.8739

■ 58.7510, 68.6498,
54.5924

■ 113.5070, 41.6550,
32.8814

■ 127.0520, 34.9774,
28.0184

■ 141.1840, 28.0103,
22.6406

■ 155.0170, 21.1906,
16.6481

■ 169.1490, 14.2235,
11.2703

■ 183.2810, 7.2565,
5.8926

■ 196.5270, 0.7262,
0.4148

■ 210.6590, -6.2409,
-4.9629

Harmonies

Analogous

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



80.0760, 78.3495, -70.2267



85.5420, 55.4418, 44.2517



74.7340, 27.7391, 109.8583

Triad

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



85.5420, 55.4418, 44.2517



86.4830, -42.6361, 48.6884



84.6730, 22.3462, -74.2582

Complementary

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



85.5420, 55.4418, 44.2517



150.4580, -55.4418, -44.2517

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.



74.6070, -11.1453, -65.4303



85.5420, 55.4418, 44.2517



82.0110, -40.4314, -5.2716

Square

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



85.5420, 55.4418, 44.2517



56.5110, -27.8599, 116.1929



65.7440, -32.4118, -57.6575



92.5390, 52.4853, -81.1567

Rectangle

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



85.5420, 55.4418, 44.2517



73.0350, 4.4197, 122.7493



65.7440, -32.4118, -57.6575



81.8230, 11.4263, -71.7588

Sweetspot

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



85.5420, 55.4418, 44.2517



212.0170, 21.1906, 16.6481



93.8080, 51.3667, -48.9436



101.7960, 12.9186, 9.8259



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.



85.5420, 55.4418, 44.2517



81.3070, 85.6306, 68.1368



102.2560, 39.3138, 83.9675



92.8200, 3.0467, 2.7889



48.4820, 56.4574, 45.1813



10.6820, 12.4818, 9.9259

Inverse Universe

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



92.9080, 3.4964, 92.1657



92.6830, 5.0863, 142.3520



133.7440, -39.3138, -83.9675



93.0330, -0.0163, 5.2331



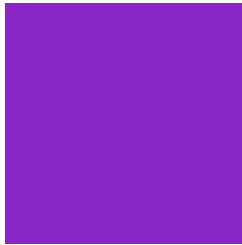
55.9190, 3.4909, 93.9100



12.3600, 0.8085, 20.7323

Previews

White Background



This preview shows how the YUV color 85.5420, 55.4418, 44.2517 looks on a white background.

Color Contrast Check

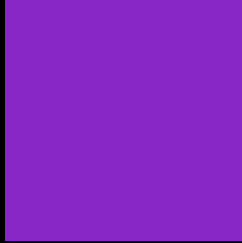
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.5420, 55.4418, 44.2517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

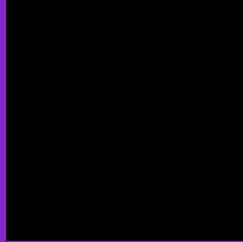
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.5420, 55.4418, 44.2517

Background



This preview shows how black text looks on a background with the YUV color 85.5420, 55.4418, 44.2517.



This preview shows how white text looks on a background with the YUV color 85.5420, 55.4418,

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

85.5420, 55.4418, 44.2517

Protanopia

73.7890, 56.7990, -64.7130

Deuteranopia

74.4610, 44.1427, -65.3023



Tritanopia

93.9640, -1.9543, 20.2026

Trichromacy



Original Color

85.5420, 55.4418, 44.2517

Protanomaly

77.6290, 56.3849, -25.1076

Deuteranomaly

78.1530, 48.2386, -25.5672

Tritanomaly

91.1110, 18.6793, 28.8437

Monochromacy



Original Color

85.5420, 55.4418, 44.2517

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.0770, 20.1750, 15.7185

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.5420, 55.4418, 44.2517 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, 38, 198)` looks like.

```
.text, #text, p{  
    color:rgb(136, 38, 198)  
}
```

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, 38, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 38, 198) }
```

Border

The CSS property to change the border of an element to YUV 85.5420, 55.4418, 44.2517 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, 38, 198) }
```


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

```
.border{ border-color:rgb(136, 38, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 38, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 38, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 38, 198); box-shadow:4px 4px 4px 4px rgb(136, 38, 198) }
```

Background

The CSS property to change the background color of an element to YUV 85.5420, 55.4418, 44.2517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 38, 198) }
```

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

```
.background{ background-color: rgb(136, 38,  
198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor