

Converting Colors

YUV(85.4500, 44.6412, 8.3754)

Have a look what the booklet for
YUV(85.4500, 44.6412, 8.3754)
contains.

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Color

**YUV(85.4500, 44.6412,
8.3754)**

Conversions

Conversions Part 1

Format	Color
Hex	5F3FB0
RGB	95, 63, 176
RGB Percent	37%, 25%, 69%
CMY	0.6275, 0.7529, 0.3098
CMYK	0.46, 0.64, 0.00, 0.31
HSL	257°, 47%, 47%
HSV	257°, 64%, 69%
XYZ	14.3333, 9.1225, 42.0797
YIQ	85.4500, -17.2010, 41.9270

Conversions

Conversions Part 2

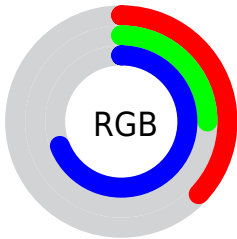
Format	Color
R_{YB}	95, 63, 176
Decimal	6242224
CIE _{Lab}	36.22, 41.06, -55.65
CIE _{LCh}	36, 69.153, 306.419
Yxy	9.1225, 0.2187, 0.1392
Android (android.graphics.Color)	4284432304 (0xFF5F3FB0)
YUV	85.4500, 44.6412, 8.3754
Hunter-Lab	30.2035, 31.8525, -61.4608

Details

The YUV color **85.4500, 44.6412, 8.3754** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **153.5500, -44.6411, -8.3753**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.3410, 46.6669, 11.9789**, and **34.0640, 43.3524, 1.6979** is the 20% darker color. If you saturate the color by 10%, you get **70.9970, 51.7665, 9.6496**, and if you desaturate by 10%, it is **99.9030, 37.5158, 7.1011**.

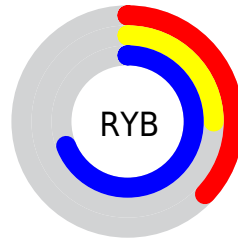
Distribution



Red (37%)

Green (25%)

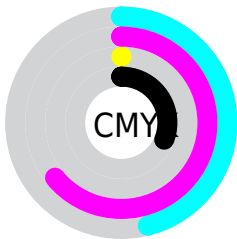
Blue (69%)



Red (37%)

Yellow (25%)

Blue (69%)

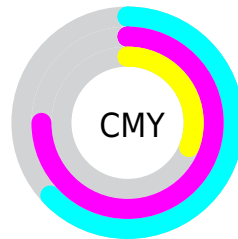


Cyan (46%)

Magenta (64%)

Yellow (0%)

Black (31%)



Cyan (63%)

Magenta (75%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.4500, 44.6412, 8.3754 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 85.4500, 44.6412, 8.3754 by changing the saturation by 10% instead.

85.4500, 44.6412,
8.3754

85.4500, 44.6412,
8.3754

255.0000, 0.0000,
0.0000

59.9120, 43.9204,
6.2162

137.3410, 46.6669,
11.9789

34.0640, 43.3524,
1.6979

163.8960, 44.9143,
14.1232

11.0580, 42.3694,
-9.6979

188.4160, 32.8259,
18.0522

8.2080, 31.4495,
-7.1984

213.5230, 20.4482,
21.4663

7.9340, 20.2455,
-6.9581

235.0420, 9.8393,
17.5032

3.6650, 11.5042,
-3.2142

252.0650, 1.4470,

0.0000, 0.0000,

2.5740

0.0000

■ 85.4500, 44.6412,
8.3754

■ 85.4500, 44.6412,
8.3754

■ 70.9970, 51.7665,
9.6496

■ 99.9030, 37.5158,
7.1011

■ 57.4300, 58.4550,
11.0239

■ 113.4700, 30.8273,
5.7268

■ 42.9770, 65.5803,
12.2982

■ 127.9230, 23.7020,
4.4525

■ 35.0140, 69.5061,
13.1427

■ 141.4900, 17.0134,
3.0783

■ 155.9430, 9.8881,
1.8040

■ 170.3960, 2.7628,
0.5297

■ 183.9630, -3.9258,
-0.8446

■ 198.4160,
-11.0511, -2.1188

■ 212.2820,
-17.8870, -2.8783

Harmonies

Analogous

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



74.8150, 60.7302, -65.6128



85.4500, 44.6412, 8.3754



68.6330, 30.7469, 78.3749

Triad

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



85.4500, 44.6412, 8.3754



79.7160, -39.3000, 51.9921



73.7530, 10.9678, -64.6814

Complementary

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



85.4500, 44.6412, 8.3754



153.5500, -44.6411, -8.3753

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.



65.8530, -14.2245, -57.7531



85.4500, 44.6412, 8.3754



79.1750, -39.0333, 13.0015

Square

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



85.4500, 44.6412, 8.3754



66.4260, -22.3950, 89.9574



66.1860, -32.6297, -34.3661



80.0230, 34.9917, -70.1802

Rectangle

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



85.4500, 44.6412, 8.3754



63.0410, 15.2628, 98.1880



66.1860, -32.6297, -34.3661



71.5870, 2.6686, -62.7818

Sweetspot

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



85.4500, 44.6412, 8.3754



194.6040, 17.4502, 2.9783



124.6030, 25.3387, -54.0258



93.4700, 10.6143, 2.2188



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



85.4500, 44.6412, 8.3754



88.1280, 69.9429, 13.0427



101.8950, 36.5338, 42.1881



81.9230, 3.4890, 0.9445



30.2990, 60.4916, 11.1388



5.0570, 10.3249, 1.7040

Inverse Universe

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



106.0210, 18.7236, 61.3716



120.2870, 28.9455, 96.2183



137.1050, -36.5338, -42.1881



83.4890, 1.7309, 4.8331



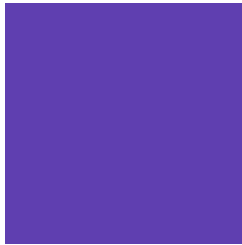
58.2870, 25.4945, 83.0633



9.8260, 4.0298, 14.1846

Previews

White Background



This preview shows how the YUV color 85.4500, 44.6412, 8.3754 looks on a white background.

Color Contrast Check

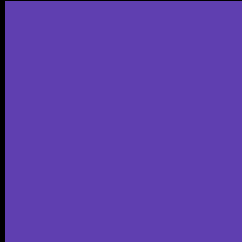
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.4500, 44.6412, 8.3754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

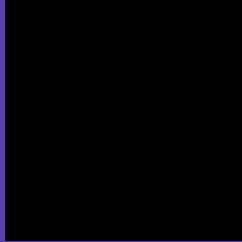
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.4500, 44.6412, 8.3754

Background



This preview shows how black text looks on a background with the YUV color 85.4500, 44.6412, 8.3754.



This preview shows how white text looks on a background with the YUV color 85.4500, 44.6412,

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

85.4500, 44.6412, 8.3754

Protanopia

67.9700, 52.2728, -59.6097

Deuteranopia

68.2830, 40.7795, -59.8842



Tritanopia

83.9110, 4.9739, -8.6919

Trichromacy



Original Color

85.4500, 44.6412, 8.3754

Protanomaly

74.4400, 49.5761, -34.5889

Deuteranomaly

74.4910, 42.1559, -34.6336

Tritanomaly

84.4400, 19.5031, -2.1399

Monochromacy



Original Color

85.4500, 44.6412, 8.3754

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.2620, 16.1398, 3.2782

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.4500, 44.6412, 8.3754 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(95, 63, 176)` looks like.

```
.text, #text, p{  
    color:rgb(95, 63, 176)  
}
```

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(95, 63, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 63, 176) }
```

Border

The CSS property to change the border of an element to YUV 85.4500, 44.6412, 8.3754 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(95, 63, 176) }
```


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

```
.border{ border-color:rgb(95, 63, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 63, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 63, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 63, 176);  
box-shadow:4px 4px 4px 4px rgb(95, 63,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 85.4500, 44.6412, 8.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 63, 176) }
```

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

```
.background{ background-color: rgb(95, 63,  
176) }
```

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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