

Converting Colors

YUV(103.5890, 57.3906,
25.7934)

Have a look what the booklet for
YUV(103.5890, 57.3906, 25.7934)
contains.

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Color

**YUV(103.5890, 57.3906,
25.7934)**

Conversions

Conversions Part 1

Format	Color
Hex	8542DC
RGB	133, 66, 220
RGB Percent	52%, 26%, 86%
CMY	0.4784, 0.7412, 0.1373
CMYK	0.40, 0.70, 0.00, 0.14
HSL	266°, 69%, 56%
HSV	266°, 70%, 86%
XYZ	24.5393, 14.0503, 69.1288
YIQ	103.5890, -9.5020, 62.0980

Conversions

Conversions Part 2

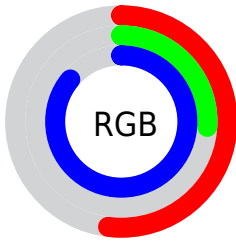
Format	Color
R _{YB}	133, 66, 220
Decimal	8733404
CIE _{Lab}	44.30, 58.44, -67.92
CIE _{LCh}	44, 89.604, 310.711
Y _{xy}	14.0503, 0.2278, 0.1304
Android (android.graphics.Color)	4286923484 (0xFF8542DC)
YUV	103.5890, 57.3906, 25.7934
Hunter-Lab	37.4837, 51.2616, -83.1061

Details

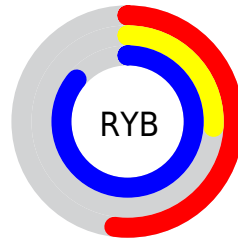
The YUV color **103.5890, 57.3906, 25.7934** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **182.4110, -57.3906, -25.7934**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.3310, 48.6438, 31.2817**, and **43.1700, 59.5692, 27.0379** is the 20% darker color. If you saturate the color by 10%, you get **87.0870, 65.5261, 29.7417**, and if you desaturate by 10%, it is **120.0910, 49.2551, 21.8452**.

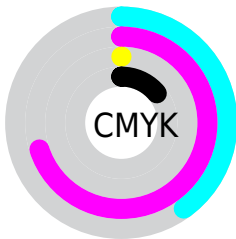
Distribution



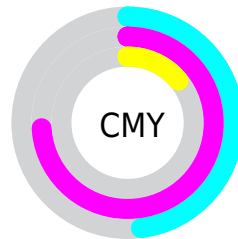
- Red (52%)
- Green (26%)
- Blue (86%)



- Red (52%)
- Yellow (26%)
- Blue (86%)



- Cyan (40%)
- Magenta (70%)
- Yellow (0%)
- Black (14%)



- Cyan (48%)
- Magenta (74%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.5890, 57.3906, 25.7934 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 103.5890, 57.3906, 25.7934 by changing the saturation by 10% instead.

■ 103.5890, 57.3906,
25.7934

■ 103.5890, 57.3906,
25.7934

255.0000, 0.0000,
0.0000

■ 75.8770, 57.2486,
24.6639

■ 156.3310, 48.6438,
31.2817

■ 43.1700, 59.5692,
27.0379

■ 181.1500, 36.4081,
35.8255

■ 27.5780, 53.9450,
10.8941

■ 206.5560, 23.8829,
39.8544

■ 12.5400, 48.0478,
-10.9976

■ 223.8890, 15.3377,
27.2843

■ 9.6900, 37.1278,
-8.4981

■ 240.3250, 7.2348,
12.8700

■ 10.4760, 24.9083,
-9.1875

■ 5.5060, 16.0195,

-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 103.5890, 57.3906,
25.7934

■ 103.5890, 57.3906,
25.7934

■ 87.0870, 65.5261,
29.7417

■ 120.0910, 49.2551,
21.8452

■ 70.2860, 73.8090,
33.0752

■ 136.8920, 40.9722,
18.5117

■ 53.7840, 81.9445,
37.0234

■ 153.3940, 32.8368,
14.5635

■ 170.1950, 24.5539,
11.2300

■ 186.6970, 16.4184,
7.2817

■ 203.4980, 8.1355,
3.9483

■ 220.0000, 0.0000,
0.0000

■ 236.5020, -8.1355,
-3.9483

■ 248.0200,
-13.8139, -2.6485

Harmonies

Analogous

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



91.8790, 80.4187, -80.5779



103.5890, 57.3906, 25.7934



79.9760, 37.4798, 112.2770

Triad

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



103.5890, 57.3906, 25.7934



97.7680, -48.1996, 59.8395



93.0050, 18.7315, -81.5654

Complementary

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



103.5890, 57.3906, 25.7934



182.4110, -57.3906, -25.7934

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.



82.7110, -15.6335, -72.5375



103.5890, 57.3906, 25.7934



96.2530, -47.4527, 6.7941

Square

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



103.5890, 57.3906, 25.7934



71.0080, -35.0069, 121.8960



73.3750, -36.1739, -64.3499



101.0990, 49.7442, -88.6638

Rectangle

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



103.5890, 57.3906, 25.7934



79.7720, 13.4234, 128.2420



73.3750, -36.1739, -64.3499



90.0410, 7.3748, -78.9660

Sweetspot

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



103.5890, 57.3906, 25.7934



214.3320, 20.0493, 9.3558



134.6250, 42.0899, -60.1841



103.5350, 12.0612, 4.7928



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.



103.5890, 57.3906, 25.7934



93.2030, 79.7659, 35.7790



126.6120, 46.0403, 73.1313



101.4500, 4.2151, 1.3593



42.1470, 64.5105, 28.8121



11.2240, 17.1446, 7.6966

Inverse Universe

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



121.9640, 15.3007, 85.9776



118.7800, 21.3075, 119.4649



159.3880, -46.0403, -73.1313



102.9730, 0.9993, 6.1627



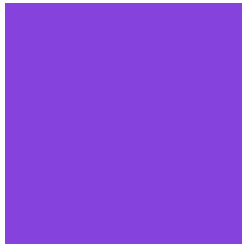
62.8990, 17.3048, 96.5586



16.7180, 4.5760, 25.6803

Previews

White Background



This preview shows how the YUV color 103.5890, 57.3906, 25.7934 looks on a white background.

Color Contrast Check

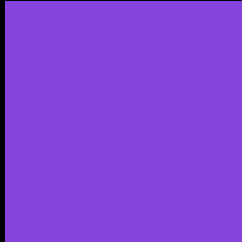
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.5890, 57.3906, 25.7934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

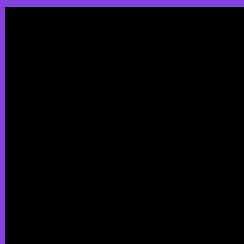
Any Text WCAG AA × Fail

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 103.5890, 57.3906, 25.7934 Background



This preview shows how black text looks on a background with the YUV color 103.5890, 57.3906, 25.7934.



This preview shows how white text looks on a background with the YUV color 103.5890, 57.3906, 25.7934.

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

103.5890, 57.3906, 25.7934

Protanopia

83.6830, 64.2463, -73.3900

Deuteranopia

84.0130, 50.2796, -73.6794



Tritanopia

105.1190, 2.8993, 3.4036

Trichromacy



Original Color

103.5890, 57.3906, 25.7934



Protanomaly

90.6320, 61.8064, -37.3883



Deuteranomaly

90.9280, 52.7865, -37.6479



Tritanomaly

104.7390, 22.8067, 11.6299

Monochromacy



Original Color

103.5890, 57.3906, 25.7934



Achromatopsia

104.0000, 0.0000, 0.0000



Achromatomaly

103.8590, 20.7755, 9.7707

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.5890, 57.3906, 25.7934 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(133, 66, 220)` looks like.

```
.text, #text, p{  
    color:rgb(133, 66, 220)  
}
```

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(133, 66, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 66, 220) }
```

Border

The CSS property to change the border of an element to YUV 103.5890, 57.3906, 25.7934 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(133, 66, 220) }
```


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

```
.border{ border-color:rgb(133, 66, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 66, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 66, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 66, 220);  
box-shadow:4px 4px 4px 4px rgb(133, 66,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 103.5890, 57.3906, 25.7934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 66, 220) }
```

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

```
.background{ background-color: rgb(133, 66,  
220) }
```

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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