

Converting Colors

YUV(81.9550, 55.7312, 44.7665)

Have a look what the booklet for
YUV(81.9550, 55.7312, 44.7665)
contains.

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Color

**YUV(81.9550, 55.7312,
44.7665)**

Conversions

Conversions Part 1

Format	Color
Hex	8522C3
RGB	133, 34, 195
RGB Percent	52%, 13%, 76%
CMY	0.4784, 0.8667, 0.2353
CMYK	0.32, 0.83, 0.00, 0.24
HSL	277°, 70%, 45%
HSV	277°, 83%, 76%
XYZ	20.0952, 10.0707, 52.5145
YIQ	81.9550, 7.3230, 71.0590

Conversions

Conversions Part 2

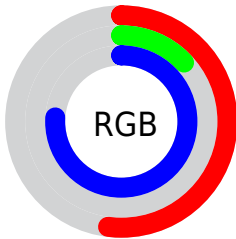
Format	Color
RYB	133, 34, 195
Decimal	8725187
CIELab	37.97, 65.24, -63.79
CIELCh	38, 91.248, 315.642
Yxy	10.0707, 0.2430, 0.1218
Android (android.graphics.Color)	4286915267 (0xFF8522C3)
YUV	81.9550, 55.7312, 44.7665
Hunter-Lab	31.7344, 57.4965, -75.8997

Details

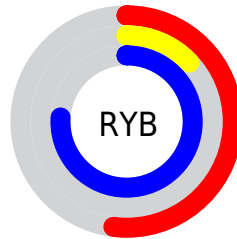
The YUV color **81.9550, 55.7312, 44.7665** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **147.0450, -55.7312, -44.7665**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.5420, 55.4418, 44.2517**, and **38.3850, 50.0962, 32.1114** is the 20% darker color. If you saturate the color by 10%, you get **67.8230, 62.6983, 50.1442**, and if you desaturate by 10%, it is **95.5000, 49.0535, 39.9035**.

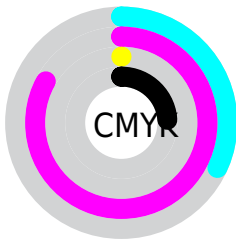
Distribution



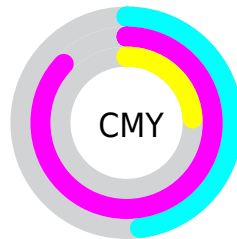
- Red (52%)
- Green (13%)
- Blue (76%)



- Red (52%)
- Yellow (13%)
- Blue (76%)



- Cyan (32%)
- Magenta (83%)
- Yellow (0%)
- Black (24%)



- Cyan (48%)
- Magenta (87%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.9550, 55.7312, 44.7665 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 81.9550, 55.7312, 44.7665 by changing the saturation by 10% instead.

81.9550, 55.7312,
44.7665

81.9550, 55.7312,
44.7665

255.0000, 0.0000,
0.0000

50.1340, 57.6149,
47.2405

140.5420, 55.4418,
44.2517

38.3850, 50.0962,
32.1114

165.5890, 44.0796,
48.5954

26.1520, 43.3091,
15.6527

190.9950, 31.5545,
52.6244

12.7230, 37.1116,
-3.2651

208.6270, 22.8619,
40.6691

7.2960, 27.9551,
-6.3986

225.6500, 14.4696,
25.7400

6.4350, 17.0405,
-5.6435

242.6730, 6.0772,

2.7530, 8.0098,

10.8108

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 81.9550, 55.7312,
44.7665

■ 81.9550, 55.7312,
44.7665

■ 67.8230, 62.6983,
50.1442

■ 95.5000, 49.0535,
39.9035

■ 58.1100, 67.4868,
54.2775

■ 109.3330, 42.2338,
33.9110

■ 122.8780, 35.5561,
29.0480

■ 136.7110, 28.7365,
23.0555

■ 150.8430, 21.7694,
17.6777

■ 164.0890, 15.2391,
12.1999

■ 178.2210, 8.2720,
6.8222

■ 191.4670, 1.7418,
1.3444

■ 205.0120, -4.9359,
-3.5185

Harmonies

Analogous

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



78.5600, 77.6179, -68.8971



81.9550, 55.7312, 44.7665



73.4950, 26.8710, 108.3139

Triad

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



81.9550, 55.7312, 44.7665



84.1130, -41.4677, 47.2589



82.6840, 22.3408, -72.5139

Complementary

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



81.9550, 55.7312, 44.7665



147.0450, -55.7312, -44.7665

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.



72.5040, -11.5875, -63.5860



81.9550, 55.7312, 44.7665



79.3530, -39.1210, -5.5716

Square

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



81.9550, 55.7312, 44.7665



55.3150, -27.2703, 113.7337



63.9830, -31.5436, -56.1131



90.4360, 52.0431, -79.3124

Rectangle

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



81.9550, 55.7312, 44.7665



71.6110, 4.1358, 120.4902



63.9830, -31.5436, -56.1131



79.7200, 10.9840, -69.9144

Sweetspot

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



81.9550, 55.7312, 44.7665



207.8430, 21.7694, 17.6777



89.9220, 51.8035, -49.0436



100.6220, 13.4974, 10.8555



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.



81.9550, 55.7312, 44.7665



77.1330, 86.2094, 69.1664



98.6690, 39.6032, 84.4823



89.9340, 3.4835, 2.6889



47.9550, 55.7312, 44.7665



9.7420, 11.4662, 8.9963

Inverse Universe

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



89.2070, 3.3489, 92.7805



88.3950, 5.2283, 143.4816



130.3310, -39.6032, -84.4823



90.4460, 0.2731, 5.7479



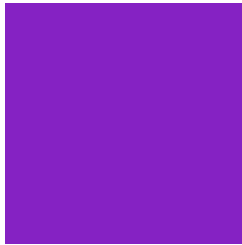
55.2070, 3.3489, 92.7805



11.3490, 0.8139, 18.9879

Previews

White Background



This preview shows how the YUV color 81.9550, 55.7312, 44.7665 looks on a white background.

Color Contrast Check

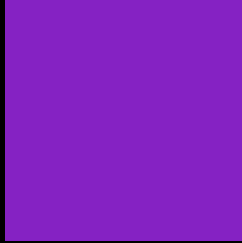
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.9550, 55.7312, 44.7665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

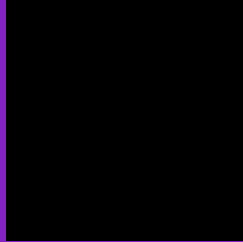
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.9550, 55.7312, 44.7665

Background



This preview shows how black text looks on a background with the YUV color 81.9550, 55.7312, 44.7665.



This preview shows how white text looks on a background with the YUV color 81.9550, 55.7312,

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

81.9550, 55.7312, 44.7665

Protanopia

71.9310, 54.7570, -63.0835

Deuteranopia

72.1300, 42.8269, -63.2580



Tritanopia

91.5510, -2.2436, 19.6878

Trichromacy



Original Color

81.9550, 55.7312, 44.7665

Protanomaly

75.5860, 54.9271, -24.1929

Deuteranomaly

75.6370, 47.5070, -24.2376

Tritanomaly

88.1110, 18.6793, 28.8437

Monochromacy



Original Color

81.9550, 55.7312, 44.7665

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.3760, 20.0276, 16.3332

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.9550, 55.7312, 44.7665 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, 34, 195)` looks like.

```
.text, #text, p{  
    color:rgb(133, 34, 195)  
}
```

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, 34, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 34, 195) }
```

Border

The CSS property to change the border of an element to YUV 81.9550, 55.7312, 44.7665 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, 34, 195) }
```


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

```
.border{ border-color:rgb(133, 34, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 34, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 34, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 34, 195);  
box-shadow:4px 4px 4px 4px rgb(133, 34,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 81.9550, 55.7312, 44.7665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 34, 195) }
```

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

```
.background{ background-color: rgb(133, 34,  
195) }
```

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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