

Converting Colors

YUV(68.5180, 8.1256, 53.9197)

Have a look what the booklet for
YUV(68.5180, 8.1256, 53.9197)
contains.

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Color

**YUV(68.5180, 8.1256,
53.9197)**

Conversions

Conversions Part 1

Format	Color
Hex	822255
RGB	130, 34, 85
RGB Percent	51%, 13%, 33%
CMY	0.4902, 0.8667, 0.6667
CMYK	0.00, 0.74, 0.35, 0.49
HSL	328°, 59%, 32%
HSV	328°, 74%, 51%
XYZ	11.4176, 6.5458, 9.2560
YIQ	68.5180, 40.8450, 36.2130

Conversions

Conversions Part 2

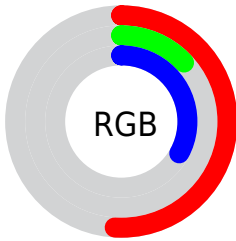
Format	Color
R_{YB}	130, 34, 85
Decimal	8528469
CIE _{Lab}	30.75, 45.20, -7.34
CIE _{LCh}	31, 45.792, 350.780
Yxy	6.5458, 0.4195, 0.2405
Android (android.graphics.Color)	4286718549 (0xFF822255)
YUV	68.5180, 8.1256, 53.9197
Hunter-Lab	25.5847, 34.8858, -3.5406

Details

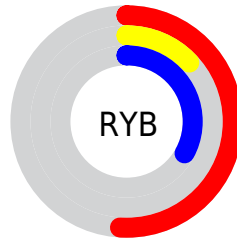
The YUV color **68.5180, 8.1256, 53.9197** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **95.4820, -8.1256, -53.9197**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.0730, 6.3730, 56.0640**, and **27.2840, 6.2690, 42.7239** is the 20% darker color. If you saturate the color by 10%, you get **60.2030, 9.2669, 61.2120**, and if you desaturate by 10%, it is **76.8330, 6.9843, 46.6275**.

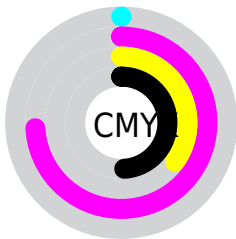
Distribution



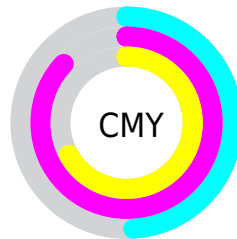
- Red (51%)
- Green (13%)
- Blue (33%)



- Red (51%)
- Yellow (13%)
- Blue (33%)



- Cyan (0%)
- Magenta (74%)
- Yellow (35%)
- Black (49%)



- Cyan (49%)
- Magenta (87%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.5180, 8.1256, 53.9197 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 68.5180, 8.1256, 53.9197 by changing the saturation by 10% instead.

68.5180, 8.1256,
53.9197

68.5180, 8.1256,
53.9197

255.0000, 0.0000,
0.0000

37.8650, 11.8986,
57.1234

122.0730, 6.3730,
56.0640

27.2840, 6.2690,
42.7239

149.5570, 5.6414,
57.3935

18.1270, 0.9234,
30.5836

176.8670, 5.4886,
59.7526

4.1860, -2.0637,
8.6069

199.4850, 8.1419,
48.6867

0.0000, 0.0000,
0.0000

219.1130, 12.2693,
31.4729

236.8030, 8.9711,

15.9588

254.4130, 0.2894,
0.5148

■ 68.5180, 8.1256,
53.9197

■ 68.5180, 8.1256,
53.9197

■ 60.2030, 9.2669,
61.2120

■ 76.8330, 6.9843,
46.6275

■ 51.8880, 10.4082,
68.5042

■ 85.1480, 5.8430,
39.3352

■ 46.7360, 10.9762,
73.0225

■ 93.4630, 4.7017,
32.0429

■ 101.7780, 3.5604,
24.7507

■ 110.0930, 2.4192,
17.4584

■ 118.5220, 1.7147,
10.0662

■ 126.8370, 0.5734,
2.7740

■ 135.1520, -0.5679,
-4.5183

■ 143.4670, -1.7092,
-11.8106

Harmonies

Analogous

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



73.8980, 21.7423, 26.3995



68.5180, 8.1256, 53.9197



66.4960, -8.6255, 60.0780

Triad

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



68.5180, 8.1256, 53.9197



65.2210, -32.1540, -0.1938



64.9600, 30.5857, -56.9699

Complementary

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



68.5180, 8.1256, 53.9197



95.4820, -8.1256, -53.9197

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.



62.7140, 16.9030, -55.0002



68.5180, 8.1256, 53.9197



55.2080, -15.8785, -40.5244

Square

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



68.5180, 8.1256, 53.9197



68.6310, -33.8351, 25.7566



58.4960, 0.7415, -51.3010



63.2620, 39.3108, -55.4808

Rectangle

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



68.5180, 8.1256, 53.9197



67.7650, -20.0971, 52.8261



58.4960, 0.7415, -51.3010



64.5210, 26.3651, -56.5849

Sweetspot

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



68.5180, 8.1256, 53.9197



144.3430, 3.2819, 20.7472



58.3990, 35.2993, 18.0671



69.9460, 1.9986, 12.3254



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



68.5180, 8.1256, 53.9197



72.5570, 12.5434, 83.7035



63.0460, -12.8407, 58.7187



59.5490, 0.7153, 3.9035



46.0240, 10.8342, 71.8930



0.0000, 0.0000, 0.0000

Inverse Universe

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



68.5180, 8.1256, 53.9197



72.5570, 12.5434, 83.7035



100.9540, 12.8407, -58.7187



59.5490, 0.7153, 3.9035



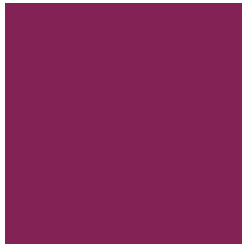
46.0240, 10.8342, 71.8930



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 68.5180, 8.1256, 53.9197 looks on a white background.

Color Contrast Check

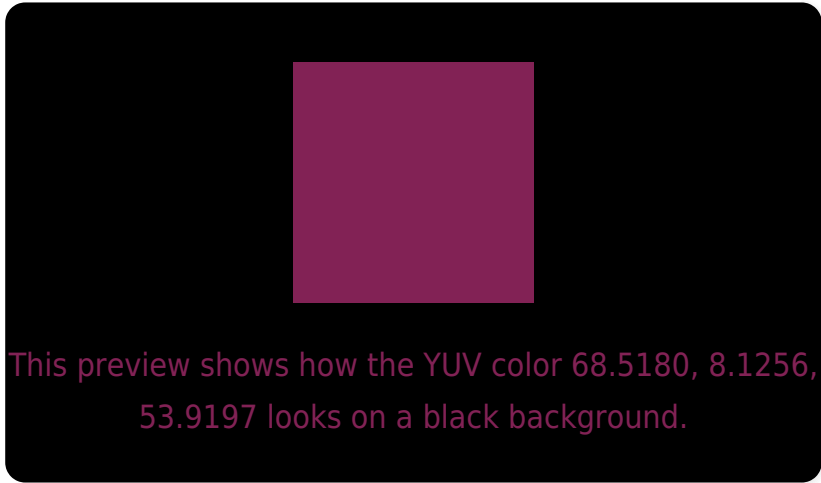
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

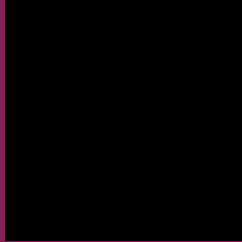
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.5180, 8.1256, 53.9197

Background



This preview shows how black text looks on a background with the YUV color 68.5180, 8.1256, 53.9197.



This preview shows how white text looks on a background with the YUV color 68.5180, 8.1256, 53.9197.

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

68.5180, 8.1256, 53.9197

Protanopia

72.8580, 18.8040, -11.2765

Deuteranopia

74.7060, 2.6099, 2.8888



Tritanopia

69.7460, -11.2138, 50.2118

Trichromacy



Original Color

68.5180, 8.1256, 53.9197

Protanomaly

71.0890, 15.2391, 12.1999

Deuteranomaly

72.3970, 4.7343, 21.5768

Tritanomaly

69.2930, -4.0884, 51.4860

Monochromacy



Original Color

68.5180, 8.1256, 53.9197

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.6310, 3.1399, 19.6176

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.5180, 8.1256, 53.9197 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(130, 34, 85)` looks like.

```
.text, #text, p{  
    color:rgb(130, 34, 85)  
}
```

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(130, 34, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 34, 85) }
```

Border

The CSS property to change the border of an element to YUV 68.5180, 8.1256, 53.9197 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(130, 34, 85) }
```


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

```
.border{ border-color:rgb(130, 34, 85) }
```

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

Here you see how a box with a 4 pixel rgb(130, 34, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 34, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 34, 85);  
box-shadow:4px 4px 4px 4px rgb(130, 34,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 68.5180, 8.1256, 53.9197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 34, 85) }
```

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

```
.background{ background-color: rgb(130, 34,  
85) }
```

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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