

Converting Colors

YUV(81.2540, 18.6088, 51.5202)

Have a look what the booklet for
YUV(81.2540, 18.6088, 51.5202)
contains.

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Color

**YUV(81.2540, 18.6088,
51.5202)**

Conversions

Conversions Part 1

Format	Color
Hex	8C2C77
RGB	140, 44, 119
RGB Percent	55%, 17%, 47%
CMY	0.4510, 0.8275, 0.5333
CMYK	0.00, 0.69, 0.15, 0.45
HSL	313°, 52%, 36%
HSV	313°, 69%, 55%
XYZ	15.0457, 8.7087, 18.3407
YIQ	81.2540, 33.1410, 43.6770

Conversions

Conversions Part 2

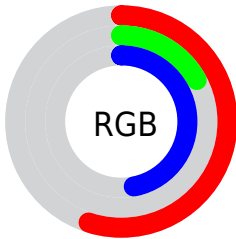
Format	Color
R_{YB}	140, 44, 119
Decimal	9186423
CIE _{Lab}	35.42, 48.85, -21.80
CIE _{LCh}	35, 53.494, 335.947
Yxy	8.7087, 0.3574, 0.2069
Android (android.graphics.Color)	4287376503 (0xFF8C2C77)
YUV	81.2540, 18.6088, 51.5202
Hunter-Lab	29.5105, 39.3631, -16.1912

Details

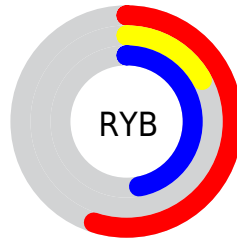
The YUV color **81.2540, 18.6088, 51.5202** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **102.7460, -18.6088, -51.5202**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.0370, 17.7298, 53.4646**, and **33.6940, 17.8989, 45.8724** is the 20% darker color. If you saturate the color by 10%, you get **72.6940, 21.3499, 59.0274**, and if you desaturate by 10%, it is **89.8140, 15.8677, 44.0131**.

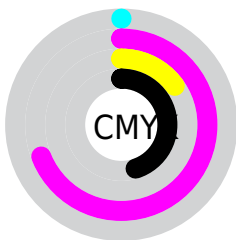
Distribution



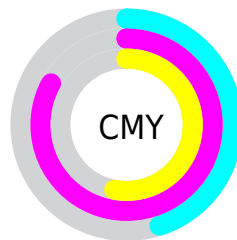
- Red (55%)
- Green (17%)
- Blue (47%)



- Red (55%)
- Yellow (17%)
- Blue (47%)



- Cyan (0%)
- Magenta (69%)
- Yellow (15%)
- Black (45%)



- Cyan (45%)
- Magenta (83%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.2540, 18.6088, 51.5202 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 81.2540, 18.6088, 51.5202 by changing the saturation by 10% instead.

81.2540, 18.6088,
51.5202

81.2540, 18.6088,
51.5202

255.0000, 0.0000,
0.0000

50.9600, 21.2187,
54.4091

135.0370, 17.7298,
53.4646

33.6940, 17.8989,
45.8724

162.7490, 17.8717,
54.5941

23.7110, 11.9745,
32.7025

190.7600, 17.8663,
56.3385

14.1410, 6.3395,
20.0473

210.3880, 21.9937,
39.1247

0.0000, 0.0000,
0.0000

226.8240, 13.8908,
24.7104

243.8470, 5.4984,

9.7812

■ 81.2540, 18.6088,
51.5202

■ 81.2540, 18.6088,
51.5202

■ 72.6940, 21.3499,
59.0274

■ 89.8140, 15.8677,
44.0131

■ 64.1340, 24.0909,
66.5345

■ 98.3740, 13.1266,
36.5060

■ 55.5740, 26.8320,
74.0416

■ 106.9340, 10.3855,
28.9989

■ 54.2860, 26.9740,
75.1712

■ 115.4940, 7.6445,
21.4918

■ 124.0540, 4.9034,
13.9846

■ 132.6140, 2.1623,
6.4775

■ 141.1740, -0.5788,
-1.0296

■ 149.8480, -2.8831,
-8.6367

■ 158.4080, -5.6241,
-16.1438

Harmonies

Analogous

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



85.1650, 33.4427, 6.8713



81.2540, 18.6088, 51.5202



73.9180, 1.5194, 72.8629

Triad

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



81.2540, 18.6088, 51.5202



77.4140, -38.1651, 14.5459



74.4490, 28.8656, -65.2918

Complementary

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



81.2540, 18.6088, 51.5202



102.7460, -18.6088, -51.5202

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.



70.2480, 10.2307, -61.6075



81.2540, 18.6088, 51.5202



69.5300, -34.2783, -18.8818

Square

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



81.2540, 18.6088, 51.5202



78.1880, -38.5467, 43.6851



63.9440, -8.8464, -56.0789



75.4070, 42.6903, -66.1319

Rectangle

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



81.2540, 18.6088, 51.5202



75.1230, -12.8786, 70.9291



63.9440, -8.8464, -56.0789



73.5540, 22.8979, -64.5069

Sweetspot

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



81.2540, 18.6088, 51.5202



157.7820, 7.5025, 20.3622



61.2230, 38.8371, 3.3124



77.9290, 4.4720, 12.3403



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



81.2540, 18.6088, 51.5202



90.4760, 28.8523, 79.3895



75.7820, -2.3575, 56.3192



64.6630, 1.1521, 3.8035



51.6230, 25.8219, 71.3676



1.9510, 1.0102, 2.6740

Inverse Universe

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



81.2540, 18.6088, 51.5202



90.4760, 28.8523, 79.3895



108.2180, 2.3575, -56.3192



64.6630, 1.1521, 3.8035



51.6230, 25.8219, 71.3676



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 81.2540, 18.6088, 51.5202 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

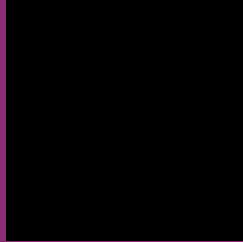
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.2540, 18.6088, 51.5202

Background



This preview shows how black text looks on a background with the YUV color 81.2540, 18.6088, 51.5202.



This preview shows how white text looks on a background with the YUV color 81.2540, 18.6088,

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

81.2540, 18.6088, 51.5202

Protanopia

80.8960, 34.5613, -25.3418

Deuteranopia

84.3270, 14.1358, -7.3028



Tritanopia

82.8810, -9.3083, 45.7084

Trichromacy



Original Color

81.2540, 18.6088, 51.5202

Protanomaly

80.8780, 28.6541, 2.7380

Deuteranomaly

83.2140, 15.6705, 13.8443

Tritanomaly

82.2370, 0.8692, 48.0272

Monochromacy



Original Color

81.2540, 18.6088, 51.5202

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.2440, 6.7817, 18.2030

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.2540, 18.6088, 51.5202 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(140, 44, 119)` looks like.

```
.text, #text, p{  
    color:rgb(140, 44, 119)  
}
```

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(140, 44, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 44, 119) }
```

Border

The CSS property to change the border of an element to YUV 81.2540, 18.6088, 51.5202 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(140, 44, 119) }
```


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

```
.border{ border-color:rgb(140, 44, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 44, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 44, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 44, 119);  
box-shadow:4px 4px 4px 4px rgb(140, 44,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 81.2540, 18.6088, 51.5202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 44, 119) }
```

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

```
.background{ background-color: rgb(140, 44,  
119) }
```

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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