

Converting Colors

YUV(83.2540, 45.7238, 81.3382)

Have a look what the booklet for
YUV(83.2540, 45.7238, 81.3382)
contains.

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Color

**YUV(83.2540, 45.7238,
81.3382)**

Conversions

Conversions Part 1

Format	Color
Hex	B012B0
RGB	176, 18, 176
RGB Percent	69%, 7%, 69%
CMY	0.3098, 0.9294, 0.3098
CMYK	0.00, 0.90, 0.00, 0.31
HSL	300°, 81%, 38%
HSV	300°, 90%, 69%
XYZ	25.9573, 12.7973, 42.1763
YIQ	83.2540, 43.4500, 82.6340

Conversions

Conversions Part 2

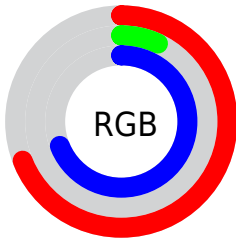
Format	Color
R_{YB}	176, 18, 176
Decimal	11539120
CIE _{Lab}	42.46, 72.43, -45.01
CIE _{LCh}	42, 85.274, 328.145
Yxy	12.7973, 0.3207, 0.1581
Android (android.graphics.Color)	4289729200 (0xFFB012B0)
YUV	83.2540, 45.7238, 81.3382
Hunter-Lab	35.7733, 66.9170, -44.8609

Details

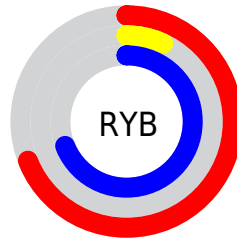
The YUV color **83.2540, 45.7238, 81.3382** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **110.7460, -45.7238, -81.3382**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.1300, 40.3619, 74.4310**, and **49.6030, 36.1847, 60.8612** is the 20% darker color. If you saturate the color by 10%, you get **72.6880, 50.9328, 90.6046**, and if you desaturate by 10%, it is **93.8200, 40.5147, 72.0719**.

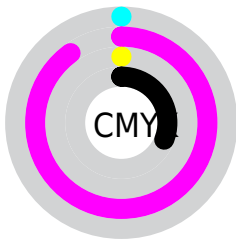
Distribution



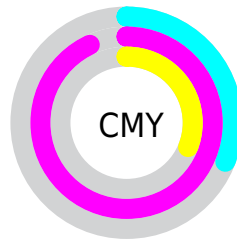
- Red (69%)
- Green (7%)
- Blue (69%)



- Red (69%)
- Yellow (7%)
- Blue (69%)



- Cyan (0%)
- Magenta (90%)
- Yellow (0%)
- Black (31%)



- Cyan (31%)
- Magenta (93%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.2540, 45.7238, 81.3382 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 83.2540, 45.7238, 81.3382 by changing the saturation by 10% instead.

83.2540, 45.7238,
81.3382

83.2540, 45.7238,
81.3382

255.0000, 0.0000,
0.0000

60.9390, 43.4141,
75.4755

150.1300, 40.3619,
74.4310

49.6030, 36.1847,
60.8612

175.7550, 39.0678,
69.4979

38.2670, 28.9554,
46.2468

192.7780, 30.6754,
54.5687

27.4580, 22.4522,
32.0473

209.8010, 22.2831,
39.6395

16.3500, 16.0965,
17.2330

226.8240, 13.8908,
24.7104

3.6650, 11.5042,
-3.2142

244.4340, 5.2090,

0.0000, 0.0000,

9.2664

0.0000

■ 83.2540, 45.7238,
81.3382

■ 83.2540, 45.7238,
81.3382

■ 72.6880, 50.9328,
90.6046

■ 93.8200, 40.5147,
72.0719

■ 103.7990, 35.5951,
63.3203

■ 114.3650, 30.3861,
54.0539

■ 124.3440, 25.4664,
45.3023

■ 134.9100, 20.2574,
36.0359

■ 145.4760, 15.0483,
26.7695

■ 155.4550, 10.1287,
18.0180

■ 166.0210, 4.9196,
8.7516

■ 176.0000, 0.0000,
0.0000

Harmonies

Analogous

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



93.1370, 65.9945, -27.3071



83.2540, 45.7238, 81.3382



76.2980, 15.6291, 120.7647

Triad

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



83.2540, 45.7238, 81.3382



94.9120, -46.7916, 28.1412



94.0600, 35.4664, -82.4906

Complementary

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



83.2540, 45.7238, 81.3382



110.7460, -45.7238, -81.3382

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.



85.2650, 4.3064, -74.7774



83.2540, 45.7238, 81.3382



83.6510, -41.2399, -26.0039

Square

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



83.2540, 45.7238, 81.3382



89.3280, -44.0387, 78.6423



72.6570, -33.8479, -63.7202



98.5690, 60.3585, -86.4450

Rectangle

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



83.2540, 45.7238, 81.3382



71.6520, -4.7584, 126.5932



72.6570, -33.8479, -63.7202



91.4380, 25.4201, -80.1911

Sweetspot

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



83.2540, 45.7238, 81.3382



193.6060, 17.9422, 31.9175



36.0120, 69.0141, -15.7965



93.2810, 10.7075, 19.0476



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.



83.2540, 45.7238, 81.3382



94.9900, 66.5599, 118.4038



74.2480, 11.2167, 89.2365



83.7170, 2.6045, 4.6332



63.1890, 44.2768, 78.7642



10.7380, 7.5242, 13.3848

Inverse Universe

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



83.2540, 45.7238, 81.3382



94.9900, 66.5599, 118.4038



119.7520, -11.2167, -89.2365



83.7170, 2.6045, 4.6332



63.1890, 44.2768, 78.7642



10.7380, 7.5242, 13.3848

Previews

White Background



This preview shows how the YUV color 83.2540, 45.7238, 81.3382 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 83.2540, 45.7238, 81.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

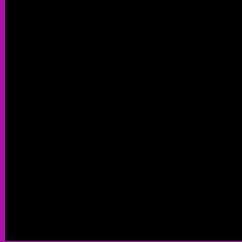
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.2540, 45.7238, 81.3382

Background



This preview shows how black text looks on a background with the YUV color 83.2540, 45.7238, 81.3382.



This preview shows how white text looks on a background with the YUV color 83.2540, 45.7238,

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

83.2540, 45.7238, 81.3382

Protanopia

81.2380, 62.4937, -71.2457

Deuteranopia

97.3360, 33.8514, -30.9897



Tritanopia

98.9750, -11.8197, 57.9039

Trichromacy



Original Color

83.2540, 45.7238, 81.3382



Protanomaly

81.9830, 56.2104, -15.7711



Deuteranomaly

91.8540, 38.5260, 9.7750



Tritanomaly

93.2360, 9.2507, 66.4450

Monochromacy



Original Color

83.2540, 45.7238, 81.3382



Achromatopsia

83.0000, 0.0000, 0.0000



Achromatomaly

82.9540, 16.7847, 29.8583

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.2540, 45.7238, 81.3382 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(176, 18, 176)` looks like.

```
.text, #text, p{  
    color:rgb(176, 18, 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(176, 18, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 18, 176) }
```

Border

The CSS property to change the border of an element to YUV 83.2540, 45.7238, 81.3382 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(176, 18, 176) }
```


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

```
.border{ border-color:rgb(176, 18, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 18, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 18, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 18, 176);  
box-shadow:4px 4px 4px 4px rgb(176, 18,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 83.2540, 45.7238, 81.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 18, 176) }
```

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

```
.background{ background-color: rgb(176, 18,  
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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