

Converting Colors

YUV(107.3530, 45.1820,
21.6154)

Have a look what the booklet for
YUV(107.3530, 45.1820, 21.6154)
contains.

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Color

**YUV(107.3530, 45.1820,
21.6154)**

Conversions

Conversions Part 1

Format	Color
Hex	844DC7
RGB	132, 77, 199
RGB Percent	52%, 30%, 78%
CMY	0.4824, 0.6980, 0.2196
CMYK	0.34, 0.61, 0.00, 0.22
HSL	267°, 52%, 54%
HSV	267°, 61%, 78%
XYZ	22.4784, 14.3368, 55.6154
YIQ	107.3530, -6.3820, 49.6020

Conversions

Conversions Part 2

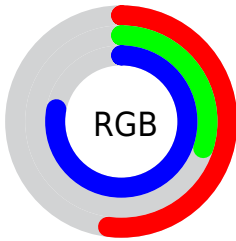
Format	Color
R_{YB}	132, 77, 199
Decimal	8670663
CIE _{Lab}	44.71, 47.51, -55.20
CIE _{LCh}	45, 72.831, 310.722
Yxy	14.3368, 0.2432, 0.1551
Android (android.graphics.Color)	4286860743 (0xFF844DC7)
YUV	107.3530, 45.1820, 21.6154
Hunter-Lab	37.8640, 39.7067, -60.5816

Details

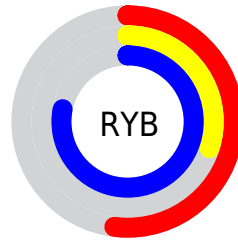
The YUV color **107.3530, 45.1820, 21.6154** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **168.6470, -45.1820, -21.6154**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.3040, 46.1921, 24.2894**, and **54.4020, 44.1718, 18.9414** is the 20% darker color. If you saturate the color by 10%, you get **92.3240, 52.5913, 25.1489**, and if you desaturate by 10%, it is **122.3820, 37.7727, 18.0820**.

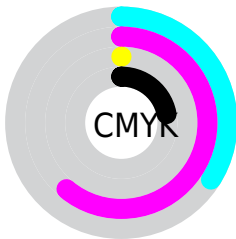
Distribution



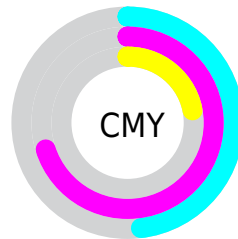
- Red (52%)
- Green (30%)
- Blue (78%)



- Red (52%)
- Yellow (30%)
- Blue (78%)



- Cyan (34%)
- Magenta (61%)
- Yellow (0%)
- Black (22%)



- Cyan (48%)
- Magenta (70%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.3530, 45.1820, 21.6154 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 107.3530, 45.1820, 21.6154 by changing the saturation by 10% instead.

■ 107.3530, 45.1820,
21.6154

■ 107.3530, 45.1820,
21.6154

■ 255.0000, 0.0000,
0.0000

■ 81.1140, 44.3138,
20.0710

■ 161.3040, 46.1921,
24.2894

■ 54.4020, 44.1718,
18.9414

■ 185.2370, 34.3932,
28.7332

■ 27.8040, 44.4666,
17.7119

■ 210.3440, 22.0154,
32.1473

■ 14.3750, 38.2691,
-1.2059

■ 229.1720, 12.7332,
22.6512

■ 7.7520, 29.7023,
-6.7985

■ 246.1950, 4.3409,
7.7220

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 107.3530, 45.1820,
21.6154

■ 107.3530, 45.1820,
21.6154

■ 92.3240, 52.5913,
25.1489

■ 122.3820, 37.7727,
18.0820

■ 77.2950, 60.0006,
28.6823

■ 137.4110, 30.3634,
14.5486

■ 62.2660, 67.4099,
32.2157

■ 152.4400, 22.9541,
11.0151

■ 49.5960, 73.6562,
35.4343

■ 167.4690, 15.5448,
7.4817

■ 182.4980, 8.1355,
3.9483

■ 196.9400, 1.0156,
0.9296

■ 211.9690, -6.3937,
-2.6038

■ 226.6990,
-13.6556, -6.7520

■ 241.1410,
-20.7755, -9.7707

Harmonies

Analogous

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



88.6870, 68.1883, -77.7785



107.3530, 45.1820, 21.6154



93.2380, 26.5047, 85.7373

Triad

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



107.3530, 45.1820, 21.6154



99.4960, -49.0515, 53.0620



91.3750, 17.5631, -80.1359

Complementary

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



107.3530, 45.1820, 21.6154



168.6470, -45.1820, -21.6154

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.



82.9050, -9.8132, -72.7077



107.3530, 45.1820, 21.6154



97.1610, -47.9004, 10.3828

Square

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



107.3530, 45.1820, 21.6154



92.7930, -32.4359, 90.5125



81.4700, -40.1647, -44.2622



97.2860, 42.7500, -85.3198

Rectangle

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



107.3530, 45.1820, 21.6154



74.0910, 16.2241, 116.5612



81.4700, -40.1647, -44.2622



88.9810, 8.3904, -78.0363

Sweetspot

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



107.3530, 45.1820, 21.6154



220.5230, 16.9972, 8.3113



130.2370, 33.9002, -46.6888



106.1930, 10.7509, 5.0927



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.



107.3530, 45.1820, 21.6154



112.9610, 70.0252, 33.3602



125.5920, 36.1901, 59.1168



92.2220, 3.3416, 1.5593



40.7080, 60.2900, 29.1971



8.8880, 13.3662, 6.2372

Inverse Universe

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



121.1160, 11.2818, 68.3043



134.3670, 17.5671, 105.7951



150.4080, -36.1901, -59.1168



93.2610, 0.8573, 5.0331



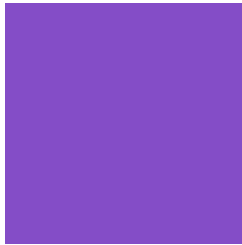
58.9970, 15.2845, 91.2106



13.0440, 3.4293, 20.1324

Previews

White Background



This preview shows how the YUV color 107.3530, 45.1820, 21.6154 looks on a white background.

Color Contrast Check

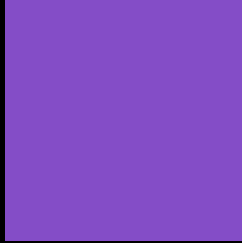
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.3530, 45.1820, 21.6154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

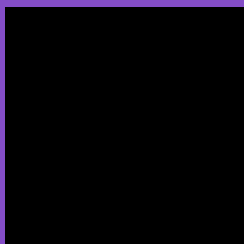
Any Text WCAG AA × Fail

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 107.3530, 45.1820, 21.6154 Background



This preview shows how black text looks on a background with the YUV color 107.3530, 45.1820, 21.6154.



This preview shows how white text looks on a background with the YUV color 107.3530, 45.1820,

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

107.3530, 45.1820, 21.6154

Protanopia

84.6120, 65.2673, -74.2047

Deuteranopia

85.1700, 52.1742, -74.6941



Tritanopia

106.5000, 1.7255, 6.5775

Trichromacy



Original Color

107.3530, 45.1820, 21.6154



Protanomaly

92.8830, 57.7387, -39.3624



Deuteranomaly

93.4070, 49.5923, -39.8219



Tritanomaly

106.9580, 17.2757, 12.3148

Monochromacy



Original Color

107.3530, 45.1820, 21.6154



Achromatopsia

107.0000, 0.0000, 0.0000



Achromatomaly

106.9960, 16.2710, 7.8965

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.3530, 45.1820, 21.6154 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(132, 77, 199)` looks like.

```
.text, #text, p{  
    color:rgb(132, 77, 199)  
}
```

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(132, 77, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 77, 199) }
```

Border

The CSS property to change the border of an element to YUV 107.3530, 45.1820, 21.6154 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(132, 77, 199) }
```


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

```
.border{ border-color:rgb(132, 77, 199) }
```

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

Here you see how a box with a 4 pixel rgb(132, 77, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 77, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 77, 199);  
box-shadow:4px 4px 4px 4px rgb(132, 77,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 107.3530, 45.1820, 21.6154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 77, 199) }
```

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

```
.background{ background-color: rgb(132, 77,  
199) }
```

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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