

Converting Colors

YUV(105.7340, 44.0081,
24.7893)

Have a look what the booklet for
YUV(105.7340, 44.0081, 24.7893)
contains.

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Color

**YUV(105.7340, 44.0081,
24.7893)**

Conversions

Conversions Part 1

Format	Color
Hex	864AC3
RGB	134, 74, 195
RGB Percent	53%, 29%, 76%
CMY	0.4745, 0.7098, 0.2353
CMYK	0.31, 0.62, 0.00, 0.24
HSL	270°, 50%, 53%
HSV	270°, 62%, 76%
XYZ	22.1306, 13.9060, 53.1475
YIQ	105.7340, -3.0810, 50.3510

Conversions

Conversions Part 2

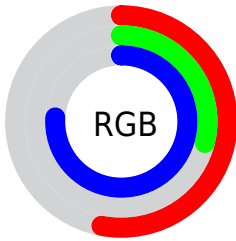
Format	Color
RYB	134, 74, 195
Decimal	8800963
CIELab	44.10, 48.56, -53.86
CIELCh	44, 72.515, 312.040
Yxy	13.9060, 0.2481, 0.1559
Android (android.graphics.Color)	4286991043 (0xFF864AC3)
YUV	105.7340, 44.0081, 24.7893
Hunter-Lab	37.2908, 40.6739, -58.3976

Details

The YUV color **105.7340, 44.0081, 24.7893** is a dark color, and the websafe version is hex **663399**. The color can be described as middle muted purple. A complement of this color would be **163.2660, -44.0081, -24.7893**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.7990, 45.4551, 27.3633**, and **52.4950, 43.1400, 23.2449** is the 20% darker color. If you saturate the color by 10%, you get **91.5910, 50.9806, 28.4227**, and if you desaturate by 10%, it is **120.4640, 36.7462, 20.6411**.

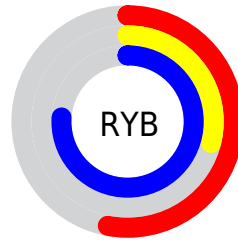
Distribution



Red (53%)

Green (29%)

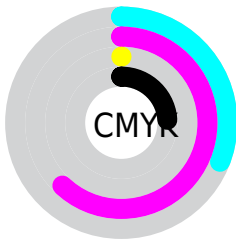
Blue (76%)



Red (53%)

Yellow (29%)

Blue (76%)

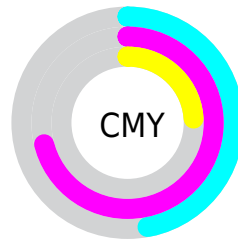


Cyan (31%)

Magenta (62%)

Yellow (0%)

Black (24%)



Cyan (47%)

Magenta (71%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.7340, 44.0081, 24.7893 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 105.7340, 44.0081, 24.7893 by changing the saturation by 10% instead.

■ 105.7340, 44.0081,
24.7893

■ 105.7340, 44.0081,
24.7893

■ 255.0000, 0.0000,
0.0000

■ 79.4950, 43.1400,
23.2449

■ 159.7990, 45.4551,
27.3633

■ 52.4950, 43.1400,
23.2449

■ 184.0740, 34.9665,
31.5071

■ 28.2450, 42.2772,
19.9561

■ 209.1810, 22.5888,
34.9213

■ 16.1260, 35.9269,
3.3975

■ 227.4110, 13.6014,
24.1956

■ 7.4100, 28.3919,
-6.4986

■ 244.4340, 5.2090,
9.2664

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 105.7340, 44.0081,
24.7893

■ 105.7340, 44.0081,
24.7893

■ 91.5910, 50.9806,
28.4227

■ 120.4640, 36.7462,
20.6411

■ 76.8610, 58.2425,
32.5709

■ 134.6070, 29.7737,
17.0077

■ 63.0170, 65.0676,
36.8191

■ 149.0380, 22.6593,
12.2447

■ 51.2330, 70.8771,
40.1377

■ 163.1810, 15.6868,
8.6113

■ 177.9110, 8.4249,
4.4631

■ 192.0540, 1.4524,
0.8296

■ 206.7840, -5.8095,
-3.3186

■ 220.9270,
-12.7820, -6.9520

■ 235.3580,
-19.8965, -11.7150

Harmonies

Analogous

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



86.5840, 67.7461, -75.9342



105.7340, 44.0081, 24.7893



90.4340, 25.9150, 88.1964

Triad

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



105.7340, 44.0081, 24.7893



98.3000, -48.4619, 50.6029



90.3150, 18.5787, -79.2063

Complementary

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



105.7340, 44.0081, 24.7893



163.2660, -44.0081, -24.7893

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.



81.8450, -8.7976, -71.7781



105.7340, 44.0081, 24.7893



95.3780, -47.0214, 8.4385

Square

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



105.7340, 44.0081, 24.7893



91.1410, -33.5935, 88.4533



77.3060, -38.1119, -49.3804



96.2260, 43.7656, -84.3902

Rectangle

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



105.7340, 44.0081, 24.7893



73.3360, 14.6244, 116.3463



77.3060, -38.1119, -49.3804



87.9210, 9.4059, -77.1067

Sweetspot

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



105.7340, 44.0081, 24.7893



216.6480, 17.4285, 9.9557



124.7750, 34.6209, -44.5297



105.9050, 10.8928, 6.2223



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.



105.7340, 44.0081, 24.7893



114.7120, 67.6830, 37.9636



123.3750, 35.3111, 61.0611



89.6350, 3.6309, 2.0741



42.2740, 58.5319, 33.0857



8.5460, 12.0558, 6.5372

Inverse Universe

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



117.1330, 8.8084, 68.2894



132.3300, 13.6413, 104.9506



145.6250, -35.3111, -61.0611



90.5600, 0.7099, 5.6479



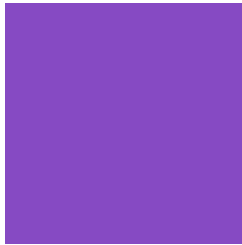
57.3730, 11.6481, 90.8809



11.8050, 2.5611, 18.5880

Previews

White Background



This preview shows how the YUV color 105.7340, 44.0081, 24.7893 looks on a white background.

Color Contrast Check

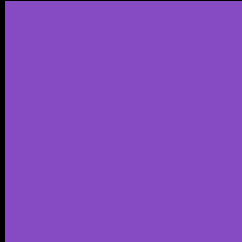
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.7340, 44.0081, 24.7893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

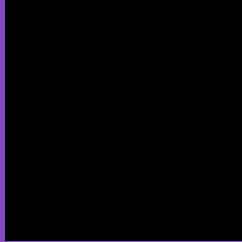
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.7340, 44.0081, 24.7893

Background



This preview shows how black text looks on a background with the YUV color 105.7340, 44.0081, 24.7893.



This preview shows how white text looks on a background with the YUV color 105.7340, 44.0081, 24.7893.

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

105.7340, 44.0081, 24.7893

Protanopia

83.6830, 64.2463, -73.3900

Deuteranopia

86.9430, 49.8211, -66.6020



Tritanopia

105.2940, 0.8411, 10.2662

Trichromacy



Original Color

105.7340, 44.0081, 24.7893



Protanomaly

91.6660, 56.8597, -37.4181



Deuteranomaly

93.6960, 47.9709, -33.0594



Tritanomaly

105.4530, 16.5387, 15.3887

Monochromacy



Original Color

105.7340, 44.0081, 24.7893



Achromatopsia

106.0000, 0.0000, 0.0000



Achromatomaly

105.5940, 15.9762, 9.1261

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.7340, 44.0081, 24.7893 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(134, 74, 195)` looks like.

```
.text, #text, p{  
    color:rgb(134, 74, 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(134, 74, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 74, 195) }
```

Border

The CSS property to change the border of an element to YUV 105.7340, 44.0081, 24.7893 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(134, 74, 195) }
```


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

```
.border{ border-color:rgb(134, 74, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 74, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 74, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 74, 195);  
box-shadow:4px 4px 4px 4px rgb(134, 74,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 105.7340, 44.0081, 24.7893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 74, 195) }
```

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

```
.background{ background-color: rgb(134, 74,  
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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