

Converting Colors

YUV(84.5470, 24.3803, 67.0493)

Have a look what the booklet for
YUV(84.5470, 24.3803, 67.0493)
contains.

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Color

**YUV(84.5470, 24.3803,
67.0493)**

Conversions

Conversions Part 1

Format	Color
Hex	A12486
RGB	161, 36, 134
RGB Percent	63%, 14%, 53%
CMY	0.3686, 0.8588, 0.4745
CMYK	0.00, 0.78, 0.17, 0.37
HSL	313°, 63%, 39%
HSV	313°, 78%, 63%
XYZ	19.6319, 10.5601, 23.5578
YIQ	84.5470, 43.0420, 56.9780

Conversions

Conversions Part 2

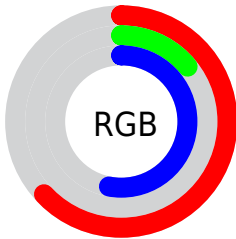
Format	Color
R_{YB}	161, 36, 134
Decimal	10560646
CIE _{Lab}	38.83, 59.23, -25.53
CIE _{LCh}	39, 64.495, 336.678
Yxy	10.5601, 0.3652, 0.1965
Android (android.graphics.Color)	4288750726 (0xFFA12486)
YUV	84.5470, 24.3803, 67.0493
Hunter-Lab	32.4962, 50.9685, -20.2344

Details

The YUV color **84.5470, 24.3803, 67.0493** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **112.4530, -24.3803, -67.0493**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.5640, 21.9069, 67.0344**, and **40.9710, 21.2133, 56.1534** is the 20% darker color. If you saturate the color by 10%, you get **74.8130, 27.7002, 75.5860**, and if you desaturate by 10%, it is **94.2810, 21.0605, 58.5126**.

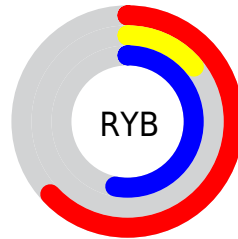
Distribution



Red (63%)

Green (14%)

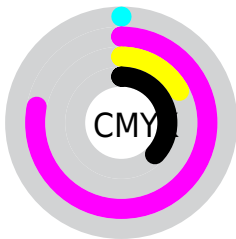
Blue (53%)



Red (63%)

Yellow (14%)

Blue (53%)

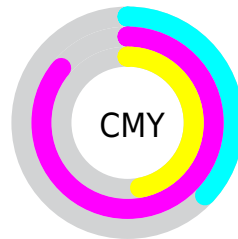


Cyan (0%)

Magenta (78%)

Yellow (17%)

Black (37%)



Cyan (37%)

Magenta (86%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.5470, 24.3803, 67.0493 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 84.5470, 24.3803, 67.0493 by changing the saturation by 10% instead.

84.5470, 24.3803,
67.0493

84.5470, 24.3803,
67.0493

255.0000, 0.0000,
0.0000

52.1930, 28.0059,
70.8677

142.5640, 21.9069,
67.0344

40.9710, 21.2133,
56.1534

171.1620, 21.6121,
68.2639

30.1620, 14.7101,
41.9539

192.6980, 25.2919,
54.6389

20.5920, 9.0751,
29.2988

210.3880, 21.9937,
39.1247

7.3910, 3.7512,
10.1811

227.4110, 13.6014,
24.1956

0.0000, 0.0000,
0.0000

244.4340, 5.2090,

9.2664

■ 84.5470, 24.3803,
67.0493

■ 84.5470, 24.3803,
67.0493

■ 74.8130, 27.7002,
75.5860

■ 94.2810, 21.0605,
58.5126

■ 64.9650, 30.5833,
84.2227

■ 104.1290, 18.1774,
49.8759

■ 62.5030, 31.3040,
86.3819

■ 113.8630, 14.8575,
41.3391

■ 123.7110, 11.9745,
32.7025

■ 134.0320, 8.3652,
23.6509

■ 143.8800, 5.4822,
15.0142

■ 153.6140, 2.1623,
6.4775

■ 163.4620, -0.7208,
-2.1592

■ 173.1960, -4.0406,
-10.6959

Harmonies

Analogous

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



92.6520, 41.5836, 9.0752



84.5470, 24.3803, 67.0493



67.5760, 7.1110, 99.4728

Triad

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



84.5470, 24.3803, 67.0493



85.0890, -41.9489, 14.8309



83.7730, 34.1289, -73.4689

Complementary

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



84.5470, 24.3803, 67.0493



112.4530, -24.3803, -67.0493

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.



77.9590, 11.8522, -68.3700



84.5470, 24.3803, 67.0493



74.1930, -36.5771, -28.2333

Square

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



84.5470, 24.3803, 67.0493



85.9070, -42.3522, 50.9476



70.5150, -11.5929, -61.8417



84.8280, 50.8638, -74.3942

Rectangle

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



84.5470, 24.3803, 67.0493



75.7170, -13.6645, 89.7022



70.5150, -11.5929, -61.8417



81.9490, 27.1401, -71.8693

Sweetspot

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



84.5470, 24.3803, 67.0493



179.6840, 9.5228, 25.7101



57.7250, 50.9146, 2.8722



86.5920, 5.6241, 16.1438



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



84.5470, 24.3803, 67.0493



90.3340, 37.7963, 104.0701



77.7070, -1.8276, 73.0480



76.4890, 1.7309, 4.8331



56.3510, 28.4210, 77.7452



6.9780, 3.4618, 9.6663

Inverse Universe

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



84.5470, 24.3803, 67.0493



90.3340, 37.7963, 104.0701



119.4070, 2.2643, -73.1479



76.4890, 1.7309, 4.8331



56.3510, 28.4210, 77.7452



6.9780, 3.4618, 9.6663

Previews

White Background



This preview shows how the YUV color 84.5470, 24.3803, 67.0493 looks on a white background.

Color Contrast Check

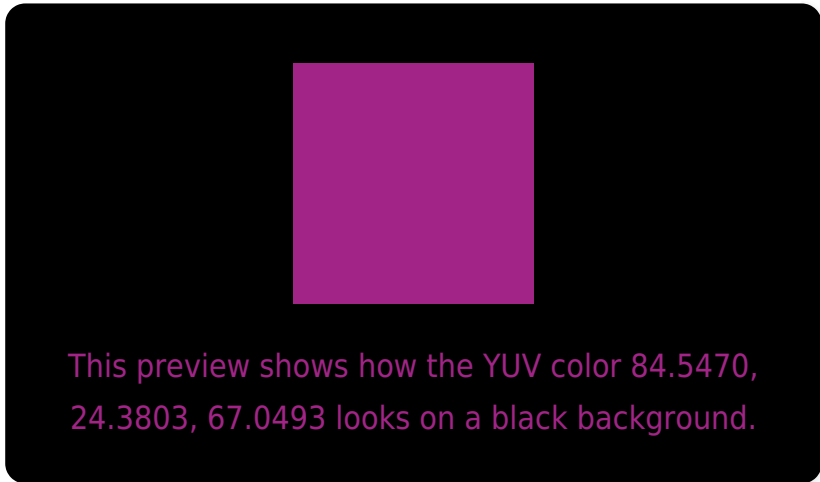
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

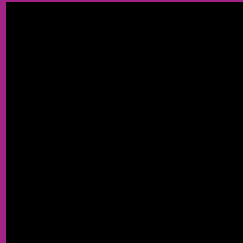
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.5470, 24.3803, 67.0493

Background



This preview shows how black text looks on a background with the YUV color 84.5470, 24.3803, 67.0493.



This preview shows how white text looks on a background with the YUV color 84.5470, 24.3803,

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

84.5470, 24.3803, 67.0493

Protanopia

85.3810, 45.6612, -38.9221

Deuteranopia

92.4130, 17.0514, -9.1322



Tritanopia

89.5620, -12.1091, 57.3891

Trichromacy



Original Color

84.5470, 24.3803, 67.0493



Protanomaly

84.9730, 37.9743, 0.0237



Deuteranomaly

89.6860, 19.8748, 18.6924



Tritanomaly

87.7270, 1.1206, 60.7524

Monochromacy



Original Color

84.5470, 24.3803, 67.0493



Achromatopsia

85.0000, 0.0000, 0.0000



Achromatomaly

84.8580, 8.9440, 24.6805

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.5470, 24.3803, 67.0493 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(161, 36, 134)` looks like.

```
.text, #text, p{  
    color:rgb(161, 36, 134)  
}
```

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(161, 36, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 36, 134) }
```

Border

The CSS property to change the border of an element to YUV 84.5470, 24.3803, 67.0493 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(161, 36, 134) }
```


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

```
.border{ border-color:rgb(161, 36, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 36, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 36, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 36, 134); box-shadow:4px 4px 4px 4px rgb(161, 36, 134) }
```

Background

The CSS property to change the background color of an element to YUV 84.5470, 24.3803, 67.0493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 36, 134) }
```

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

```
.background{ background-color: rgb(161, 36,  
134) }
```

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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