

Converting Colors

YUV(83.8400, 26.7009, 69.4233)

Have a look what the booklet for
YUV(83.8400, 26.7009, 69.4233)
contains.

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Color

**YUV(83.8400, 26.7009,
69.4233)**

Conversions

Conversions Part 1

Format	Color
Hex	A3218A
RGB	163, 33, 138
RGB Percent	64%, 13%, 54%
CMY	0.3608, 0.8706, 0.4588
CMYK	0.00, 0.80, 0.15, 0.36
HSL	312°, 66%, 38%
HSV	312°, 80%, 64%
XYZ	20.2356, 10.7092, 25.0453
YIQ	83.8400, 43.7750, 60.2150

Conversions

Conversions Part 2

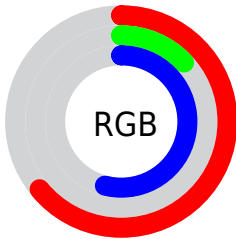
Format	Color
R_{YB}	163, 33, 138
Decimal	10690954
CIE _{Lab}	39.09, 61.12, -27.57
CIE _{LCh}	39, 67.046, 335.723
Yxy	10.7092, 0.3614, 0.1913
Android (android.graphics.Color)	4288881034 (0xFFA3218A)
YUV	83.8400, 26.7009, 69.4233
Hunter-Lab	32.7249, 53.1073, -22.4688

Details

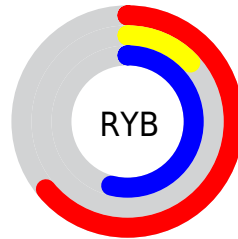
The YUV color **83.8400, 26.7009, 69.4233** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **112.1600, -26.7009, -69.4233**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.1450, 24.0855, 68.2788**, and **42.0250, 22.6657, 56.9831** is the 20% darker color. If you saturate the color by 10%, you get **74.1060, 30.0207, 77.9600**, and if you desaturate by 10%, it is **93.5740, 23.3810, 60.8866**.

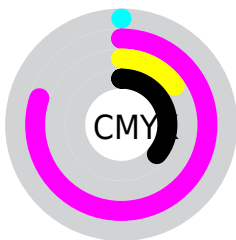
Distribution



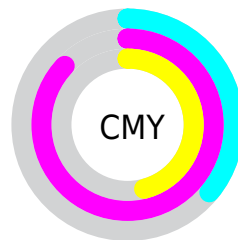
- Red (64%)
- Green (13%)
- Blue (54%)



- Red (64%)
- Yellow (13%)
- Blue (54%)



- Cyan (0%)
- Magenta (80%)
- Yellow (15%)
- Black (36%)





- Cyan (36%)
- Magenta (87%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YUV color 83.8400, 26.7009, 69.4233 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 83.8400, 26.7009, 69.4233 by changing the saturation by 10% instead.


 83.8400, 26.7009,
69.4233

 83.8400, 26.7009,
69.4233


255.0000, 0.0000,
0.0000


 53.1330, 29.0214,
71.7974


 143.1450, 24.0855,
68.2788


 42.0250, 22.6657,
56.9831


 171.7430, 23.7907,
69.5084


 31.2160, 16.1625,
42.7836

 192.5670, 27.3285,
54.7537

 21.5320, 10.0907,
30.2284

 209.8010, 22.2831,
39.6395

 8.7440, 5.0562,
11.6255

 226.8240, 13.8908,
24.7104

 0.0000, 0.0000,
0.0000

 243.8470, 5.4984,

9.7812

■ 83.8400, 26.7009,
69.4233

■ 83.8400, 26.7009,
69.4233

■ 74.1060, 30.0207,
77.9600

■ 93.5740, 23.3810,
60.8866

■ 63.7850, 33.6300,
87.0116

■ 103.8950, 19.7718,
51.8351

■ 113.6290, 16.4519,
43.2984

■ 123.4770, 13.5688,
34.6617

■ 133.2110, 10.2490,
26.1250

■ 143.5320, 6.6397,
17.0734

■ 153.2660, 3.3199,
8.5367

■ 163.0000, 0.0000,
0.0000

■ 173.3210, -3.6093,
-9.0515

Harmonies

Analogous

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



92.6240, 44.0624, 7.3458



83.8400, 26.7009, 69.4233



64.5920, 9.5681, 104.7208

Triad

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



83.8400, 26.7009, 69.4233



85.6870, -42.2437, 16.0605



84.5880, 34.7131, -74.1837

Complementary

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



83.8400, 26.7009, 69.4233



112.1600, -26.7009, -69.4233

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.



79.0190, 10.8366, -69.2997



83.8400, 26.7009, 69.4233



74.7800, -36.8665, -28.7481

Square

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



83.8400, 26.7009, 69.4233



86.2170, -42.5050, 53.3067



70.6460, -13.6295, -61.9565



85.8710, 52.3216, -75.3089

Rectangle

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



83.8400, 26.7009, 69.4233



72.9180, -11.7916, 95.6649



70.6460, -13.6295, -61.9565



83.2370, 26.9982, -72.9988

Sweetspot

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



83.8400, 26.7009, 69.4233



180.9230, 10.3910, 27.2545



54.9960, 53.2460, 1.7575



88.1190, 6.3503, 16.5586



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



83.8400, 26.7009, 69.4233



87.8060, 42.0006, 108.9181



76.5440, -1.2542, 75.8219



76.4890, 1.7309, 4.8331



56.6930, 29.7314, 77.4452



6.9780, 3.4618, 9.6663

Inverse Universe

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



83.8400, 26.7009, 69.4233



87.8060, 42.0006, 108.9181



119.4560, 1.2542, -75.8219



76.4890, 1.7309, 4.8331



56.6930, 29.7314, 77.4452



6.9780, 3.4618, 9.6663

Previews

White Background



This preview shows how the YUV color 83.8400, 26.7009, 69.4233 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 83.8400, 26.7009, 69.4233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

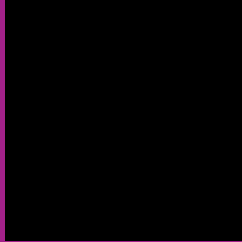
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.8400, 26.7009, 69.4233

Background



This preview shows how black text looks on a background with the YUV color 83.8400, 26.7009, 69.4233.



This preview shows how white text looks on a background with the YUV color 83.8400, 26.7009,

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

83.8400, 26.7009, 69.4233

Protanopia

83.3030, 50.6296, -45.8697

Deuteranopia

93.0430, 18.2198, -10.5617



Tritanopia

89.8610, -12.2565, 58.0039

Trichromacy



Original Color

83.8400, 26.7009, 69.4233

Protanomaly

83.3900, 42.2057, -3.8500

Deuteranomaly

90.0280, 21.1852, 18.3924

Tritanomaly

87.9660, 1.9888, 62.2968

Monochromacy



Original Color

83.8400, 26.7009, 69.4233

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.7980, 9.9596, 25.6102

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.8400, 26.7009, 69.4233 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(163, 33, 138)` looks like.

```
.text, #text, p{  
    color:rgb(163, 33, 138)  
}
```

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(163, 33, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 33, 138) }
```

Border

The CSS property to change the border of an element to YUV 83.8400, 26.7009, 69.4233 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(163, 33, 138) }
```


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

```
.border{ border-color:rgb(163, 33, 138) }
```

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

Here you see how a box with a 4 pixel rgb(163, 33, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 33, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 33, 138);  
box-shadow:4px 4px 4px 4px rgb(163, 33,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 83.8400, 26.7009, 69.4233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 33, 138) }
```

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

```
.background{ background-color: rgb(163, 33,  
138) }
```

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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