

Converting Colors

YUV(84.0120, 39.4341, 92.0745)

Have a look what the booklet for
YUV(84.0120, 39.4341, 92.0745)
contains.

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Color

**YUV(84.0120, 39.4341,
92.0745)**

Conversions

Conversions Part 1

Format	Color
Hex	BD0FA4
RGB	189, 15, 164
RGB Percent	74%, 6%, 64%
CMY	0.2588, 0.9412, 0.3569
CMYK	0.00, 0.92, 0.13, 0.26
HSL	309°, 85%, 40%
HSV	309°, 92%, 74%
XYZ	27.8579, 13.8408, 36.3252
YIQ	84.0120, 55.8750, 83.2270

Conversions

Conversions Part 2

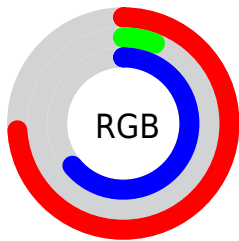
Format	Color
R_{YB}	189, 15, 164
Decimal	12390308
CIE _{Lab}	44.00, 73.49, -35.26
CIE _{LCh}	44, 81.512, 334.371
Yxy	13.8408, 0.3570, 0.1774
Android (android.graphics.Color)	4290580388 (0xFFBD0FA4)
YUV	84.0120, 39.4341, 92.0745
Hunter-Lab	37.2032, 68.5559, -31.8485

Details

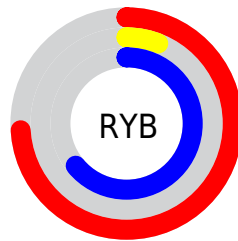
The YUV color **84.0120, 39.4341, 92.0745** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **119.9880, -39.4341, -92.0745**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.8340, 32.6198, 84.3376**, and **51.9370, 29.6111, 69.3383** is the 20% darker color. If you saturate the color by 10%, you get **74.9790, 42.9014, 99.9964**, and if you desaturate by 10%, it is **95.5070, 35.2460, 81.9934**.

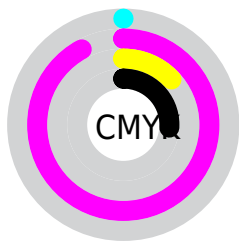
Distribution



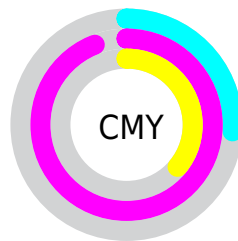
- Red (74%)
- Green (6%)
- Blue (64%)



- Red (74%)
- Yellow (6%)
- Blue (64%)



- Cyan (0%)
- Magenta (92%)
- Yellow (13%)
- Black (26%)



- Cyan (26%)
- Magenta (94%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.0120, 39.4341, 92.0745 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 84.0120, 39.4341, 92.0745 by changing the saturation by 10% instead.

■ 84.0120, 39.4341,
92.0745

■ 84.0120, 39.4341,
92.0745

■ 255.0000, 0.0000,
0.0000

■ 63.4580, 36.2562,
84.6673

■ 152.8340, 32.6198,
84.3376

■ 51.9370, 29.6111,
69.3383

■ 175.5440, 35.7208,
69.6829

■ 40.7150, 22.8185,
54.6239

■ 193.3650, 30.3861,
54.0539

■ 29.6070, 16.4627,
39.8097

■ 210.9750, 21.7043,
38.6099

■ 18.9120, 10.3964,
25.5102

■ 227.9980, 13.3120,
23.6808

■ 2.8350, 6.9833,
0.1447

■ 245.6080, 4.6303,

■ 0.0000, 0.0000,

8.2368

0.0000

■ 84.0120, 39.4341,
92.0745

■ 84.0120, 39.4341,
92.0745

■ 74.9790, 42.9014,
99.9964

■ 95.5070, 35.2460,
81.9934

■ 106.8880, 30.6212,
72.0122

■ 118.3830, 26.4332,
61.9311

■ 129.8780, 22.2451,
51.8500

■ 141.3730, 18.0571,
41.7689

■ 152.1670, 13.7217,
32.3025

■ 163.6620, 9.5336,
22.2214

■ 175.1570, 5.3456,
12.1403

■ 186.5380, 0.7208,
2.1592

Harmonies

Analogous

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



103.8050, 56.2981, 2.8020



84.0120, 39.4341, 92.0745



75.9410, 10.3821, 123.7087

Triad

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



84.0120, 39.4341, 92.0745



97.2160, -47.9275, 19.1046



97.4170, 40.7134, -85.4347

Complementary

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



84.0120, 39.4341, 92.0745



119.9880, -39.4341, -92.0745

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.



89.7790, 11.4480, -78.7362



84.0120, 39.4341, 92.0745



82.4000, -40.6232, -37.1848

Square

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



84.0120, 39.4341, 92.0745



96.0400, -47.3477, 66.6169



79.5820, -20.0069, -69.7934



99.9540, 63.1267, -87.6597

Rectangle

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



84.0120, 39.4341, 92.0745



70.1420, -7.9580, 126.1635



79.5820, -20.0069, -69.7934



95.0230, 31.5407, -83.3352

Sweetspot

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



84.0120, 39.4341, 92.0745



203.3570, 15.6000, 36.5209



41.7130, 72.6125, -3.2563



97.2490, 9.2442, 21.7066



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



84.0120, 39.4341, 92.0745



97.1950, 55.6129, 129.6250



74.3220, 2.3063, 100.5726



88.6030, 2.1677, 4.7332



62.6320, 35.6774, 83.6377



12.2330, 6.7871, 16.4587

Inverse Universe

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



84.0120, 39.4341, 92.0745



97.1950, 55.6129, 129.6250



129.6780, -2.3063, -100.5726



88.6030, 2.1677, 4.7332



62.6320, 35.6774, 83.6377



12.2330, 6.7871, 16.4587

Previews

White Background



This preview shows how the YUV color 84.0120, 39.4341, 92.0745 looks on a white background.

Color Contrast Check

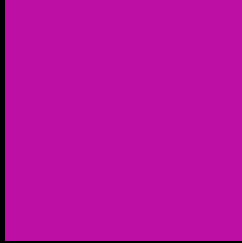
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.0120, 39.4341, 92.0745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

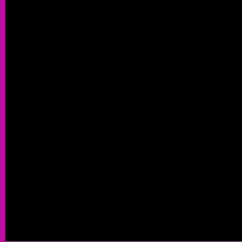
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.0120, 39.4341, 92.0745

Background



This preview shows how black text looks on a background with the YUV color 84.0120, 39.4341, 92.0745.



This preview shows how white text looks on a background with the YUV color 84.0120, 39.4341,

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

84.0120, 39.4341, 92.0745

Protanopia

84.4980, 64.8305, -74.1047

Deuteranopia

104.6060, 24.3512, -17.1945



Tritanopia

100.4280, -15.4940, 69.7846

Trichromacy



Original Color

84.0120, 39.4341, 92.0745



Protanomaly

84.1790, 55.6208, -13.3120



Deuteranomaly

97.0530, 30.0469, 22.7555



Tritanomaly

94.1620, 4.8501, 77.9109

Monochromacy



Original Color

84.0120, 39.4341, 92.0745



Achromatopsia

84.0000, 0.0000, 0.0000



Achromatomaly

83.9930, 14.3005, 33.3321

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.0120, 39.4341, 92.0745 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(189, 15, 164)` looks like.

```
.text, #text, p{  
    color:rgb(189, 15, 164)  
}
```

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(189, 15, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 15, 164) }
```

Border

The CSS property to change the border of an element to YUV 84.0120, 39.4341, 92.0745 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(189, 15, 164) }
```


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

```
.border{ border-color:rgb(189, 15, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 15, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 15, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 15, 164);  
box-shadow:4px 4px 4px 4px rgb(189, 15,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 84.0120, 39.4341, 92.0745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 15, 164) }
```

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

```
.background{ background-color: rgb(189, 15,  
164) }
```

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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