

Converting Colors

YUV(189.4340, 32.3240,
39.0844)

Have a look what the booklet for
YUV(189.4340, 32.3240, 39.0844)
contains.

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Color

**YUV(189.4340, 32.3240,
39.0844)**

Conversions

Conversions Part 1

Format	Color
Hex	EA9AFF
RGB	234, 154, 255
RGB Percent	92%, 60%, 100%
CMY	0.0824, 0.3961, 0.0000
CMYK	0.08, 0.40, 0.00, 0.00
HSL	288°, 100%, 80%
HSV	288°, 40%, 100%
XYZ	63.5373, 47.8236, 100.4898
YIQ	189.4340, 15.2590, 48.3710

Conversions

Conversions Part 2

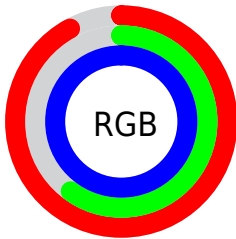
Format	Color
R _Y B	234, 154, 255
Decimal	15375103
CIE Lab	74.71, 46.18, -38.32
CIE LCh	75, 60.009, 320.314
Yxy	47.8236, 0.2999, 0.2257
Android (android.graphics.Color)	4293565183 (0xFFEA9AFF)
YUV	189.4340, 32.3240, 39.0844
Hunter-Lab	69.1546, 42.9801, -37.7471

Details

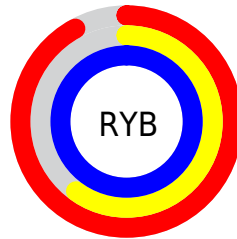
The YUV color **189.4340, 32.3240, 39.0844** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **219.5660, -32.3240, -39.0844**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.5850, 13.0226, 23.1660**, and **134.7820, 31.1665, 37.0252** is the 20% darker color. If you saturate the color by 10%, you get **173.2640, 40.2958, 48.8805**, and if you desaturate by 10%, it is **205.6040, 24.3522, 29.2883**.

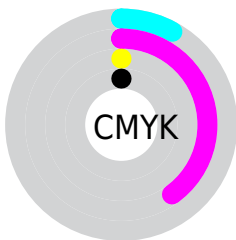
Distribution



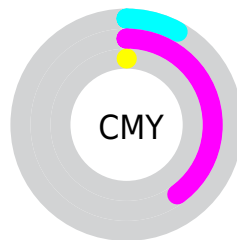
- Red (92%)
- Green (60%)
- Blue (100%)



- Red (92%)
- Yellow (60%)
- Blue (100%)



- Cyan (8%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (8%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 189.4340, 32.3240, 39.0844 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 189.4340, 32.3240, 39.0844 by changing the saturation by 10% instead.


 189.4340, 32.3240,
39.0844


 189.4340, 32.3240,
39.0844


255.0000, 0.0000,
0.0000


 161.6080, 31.7453,
38.0548

 228.5850, 13.0226,
23.1660


 134.7820, 31.1665,
37.0252

 245.0210, 4.9196,
8.7516

 107.9560, 30.5877,
35.9956

 81.6570, 30.7351,
35.3808

 54.7710, 31.1719,
35.2808

 31.1190, 30.0143,
33.2216

 20.9080, 23.2164,

20.2517

■ 10.5120, 17.0026,
6.5670

■ 3.2090, 9.7570,
-2.8143

■ 189.4340, 32.3240,
39.0844

■ 189.4340, 32.3240,
39.0844

■ 173.2640, 40.2958,
48.8805

■ 205.6040, 24.3522,
29.2883

■ 156.2080, 48.7045,
58.5766

■ 222.6600, 15.9436,
19.5922

■ 140.0380, 56.6763,
68.3727

■ 239.4170, 7.6824,
9.2813

■ 123.2810, 64.9375,
78.6836

■ 255.0000, 0.0000,
0.0000

■ 106.2250, 73.3461,
88.3797

■ 90.0550, 81.3179,
98.1758

■ 89.4680, 81.6073,
98.6906

Harmonies

Analogous

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



179.0260, 37.4552, -20.1938



189.4340, 32.3240, 39.0844



179.9200, 11.8714, 65.8452

Triad

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



189.4340, 32.3240, 39.0844



179.4750, -53.9712, 44.3104



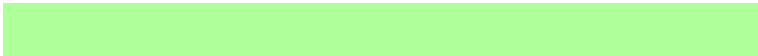
148.9370, 35.0341, -130.6177

Complementary

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



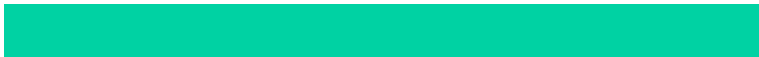
189.4340, 32.3240, 39.0844



219.5660, -32.3240, -39.0844

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.



141.8520, 10.4260, -124.4042



189.4340, 32.3240, 39.0844



174.3620, -49.4785, 3.1905

Square

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



189.4340, 32.3240, 39.0844



178.0430, -38.4752, 67.4913



165.7760, -27.4976, -47.1616



150.5790, 51.4796, -132.0578

Rectangle

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



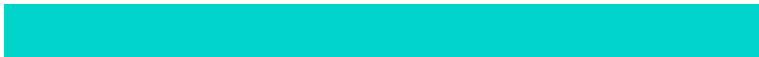
189.4340, 32.3240, 39.0844



174.5280, -3.7113, 70.5739



165.7760, -27.4976, -47.1616



146.8850, 27.1717, -128.8181

Sweetspot

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



189.4340, 32.3240, 39.0844



235.0090, 9.8556, 12.2701



178.4280, 37.7500, -21.4234



116.2380, 5.7987, 6.8073



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.



189.4340, 32.3240, 39.0844



175.9110, 38.9909, 47.4361



192.4070, 16.5613, 54.8941



119.4720, 4.2043, 4.8481



66.9230, 61.1700, 73.7355



22.2460, 20.5847, 24.3403

Inverse Universe

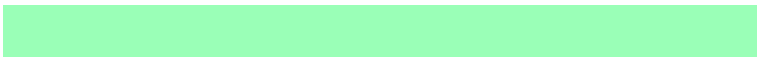
The Inverse Universe completely reimagines the original color for something new.



186.5930, -5.7153, 59.9929



172.3280, -7.0637, 72.5033



216.5930, -16.5613, -54.8941



119.1150, -1.0427, 7.7921



61.6690, -10.6828, 113.4233



20.6180, -3.7557, 38.0460

Previews

White Background



This preview shows how the YUV color 189.4340, 32.3240, 39.0844 looks on a white background.

Color Contrast Check

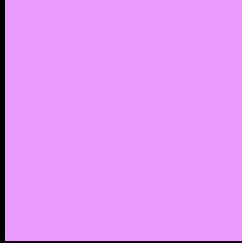
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 189.4340, 32.3240, 39.0844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

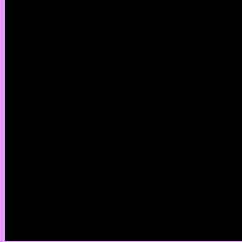
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.4340, 32.3240, 39.0844 Background



This preview shows how black text looks on a background with the YUV color 189.4340, 32.3240, 39.0844.



This preview shows how white text looks on a background with the YUV color 189.4340, 32.3240,

39.0844.

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

189.4340, 32.3240, 39.0844

Protanopia

184.0430, 34.9818, -20.2087

Deuteranopia

184.6690, 32.2082, -17.2497



Tritanopia

187.0410, -1.9922, 32.4130

Trichromacy



Original Color

189.4340, 32.3240, 39.0844



Protanomaly

186.2460, 33.8957, 1.5383



Deuteranomaly

186.5020, 32.2905, 3.0677

Tritanomaly

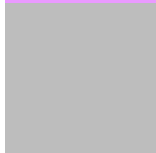
188.2660, 10.2219, 34.8467

Monochromacy



Original Color

189.4340, 32.3240, 39.0844



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

188.8890, 11.8867, 14.1293

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.4340, 32.3240, 39.0844 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(234, 154, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 154, 255)  
}
```

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(234, 154, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 154, 255) }
```

Border

The CSS property to change the border of an element to YUV 189.4340, 32.3240, 39.0844 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(234, 154, 255) }
```


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

```
.border{ border-color:rgb(234, 154, 255) }
```

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

Here you see how a box with a 4 pixel rgb(234, 154, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 154, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 154, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 154,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 189.4340, 32.3240, 39.0844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 154, 255) }
```

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

```
.background{ background-color: rgb(234,  
154, 255) }
```

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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