

Converting Colors

YUV(199.4350, 27.3935,
33.8215)

Have a look what the booklet for
YUV(199.4350, 27.3935, 33.8215)
contains.

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Color

**YUV(199.4350, 27.3935,
33.8215)**

Conversions

Conversions Part 1

Format	Color
Hex	EEA9FF
RGB	238, 169, 255
RGB Percent	93%, 66%, 100%
CMY	0.0667, 0.3373, 0.0000
CMYK	0.07, 0.34, 0.00, 0.00
HSL	288°, 100%, 83%
HSV	288°, 34%, 100%
XYZ	67.4979, 53.7731, 101.4295
YIQ	199.4350, 13.5180, 41.3740

Conversions

Conversions Part 2

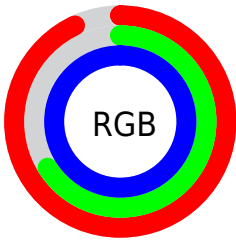
Format	Color
R _Y B	238, 169, 255
Decimal	15641087
CIE Lab	78.33, 39.50, -32.69
CIE LCh	78, 51.271, 320.385
Yxy	53.7731, 0.3031, 0.2415
Android (android.graphics.Color)	4293831167 (0xFFEEA9FF)
YUV	199.4350, 27.3935, 33.8215
Hunter-Lab	73.3301, 35.9754, -30.6782

Details

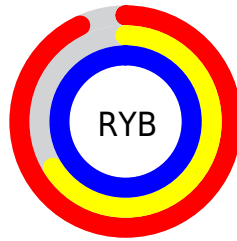
The YUV color **199.4350, 27.3935, 33.8215** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **224.5650, -27.3935, -33.8215**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.3900, 8.6817, 15.4440**, and **144.7830, 26.2360, 31.7623** is the 20% darker color. If you saturate the color by 10%, you get **183.2650, 35.3654, 43.6176**, and if you desaturate by 10%, it is **216.1920, 19.1323, 23.5106**.

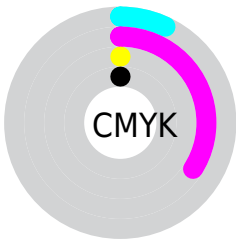
Distribution



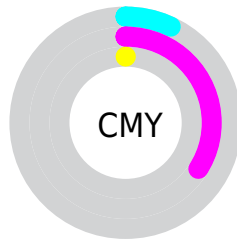
- Red (93%)
- Green (66%)
- Blue (100%)



- Red (93%)
- Yellow (66%)
- Blue (100%)



- Cyan (7%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 199.4350, 27.3935, 33.8215 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 199.4350, 27.3935, 33.8215 by changing the saturation by 10% instead.


 199.4350, 27.3935,
33.8215

 199.4350, 27.3935,
33.8215


255.0000, 0.0000,
0.0000


 171.6090, 26.8148,
32.7919


 237.3900, 8.6817,
15.4440


 144.7830, 26.2360,
31.7623

254.4130, 0.2894,
0.5148

 118.0710, 26.0940,
30.6327

 92.2450, 25.5152,
29.6031

 67.4190, 24.9364,
28.5735

 41.2450, 25.5152,
29.6031

 22.8160, 22.7687,

23.8404

■ 14.2140, 15.6705,
13.8443

■ 3.3230, 10.1938,
-2.9143

■ 199.4350, 27.3935,
33.8215

■ 199.4350, 27.3935,
33.8215

■ 183.2650, 35.3654,
43.6176

■ 216.1920, 19.1323,
23.5106

■ 166.5080, 43.6266,
53.9285

■ 232.3620, 11.1605,
13.7145

■ 150.3380, 51.5984,
63.7246

■ 249.1190, 2.8993,
3.4036

■ 133.5810, 59.8596,
74.0355

■ 255.0000, 0.0000,
0.0000

■ 117.4110, 67.8314,
83.8316

■ 100.6540, 76.0926,
94.1424

■ 90.3650, 81.1651,
100.5349

Harmonies

Analogous

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



190.8650, 31.6186, -14.7906



199.4350, 27.3935, 33.8215



191.8710, 9.4306, 55.3641

Triad

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



199.4350, 27.3935, 33.8215



190.9180, -45.8086, 39.5369



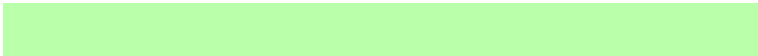
153.6160, 35.1923, -134.7212

Complementary

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



199.4350, 27.3935, 33.8215



224.5650, -27.3935, -33.8215

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.



163.5890, 6.1186, -96.1096



199.4350, 27.3935, 33.8215



186.7240, -41.7689, 3.7501

Square

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



199.4350, 27.3935, 33.8215



189.3560, -33.2065, 57.5698



179.7430, -24.0303, -39.2396



154.6880, 49.4538, -135.6614

Rectangle

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



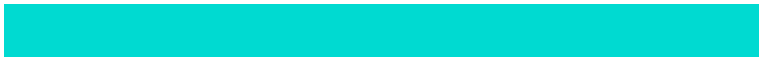
199.4350, 27.3935, 33.8215



187.6360, -4.2575, 59.0782



179.7430, -24.0303, -39.2396



151.7920, 28.2035, -133.1216

Sweetspot

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



199.4350, 27.3935, 33.8215



238.8300, 7.9718, 9.7961



188.7830, 32.6450, -17.3497



117.4120, 5.2199, 5.7777



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.



199.4350, 27.3935, 33.8215



189.1460, 32.4660, 40.2140



201.5540, 13.5309, 46.8721



119.4720, 4.2043, 4.8481



67.5210, 60.8751, 74.9651



22.5450, 20.4373, 24.9550

Inverse Universe

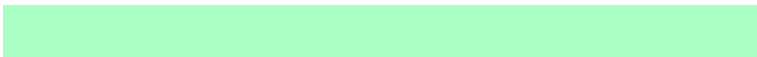
The Inverse Universe completely reimagines the original color for something new.



196.6520, -5.2514, 51.1712



185.7780, -6.2996, 60.7077



222.4460, -13.5309, -46.8721



119.1150, -1.0427, 7.7921



61.4410, -11.5564, 113.6232



20.6180, -3.7557, 38.0460

Previews

White Background



This preview shows how the YUV color 199.4350, 27.3935, 33.8215 looks on a white background.

Color Contrast Check

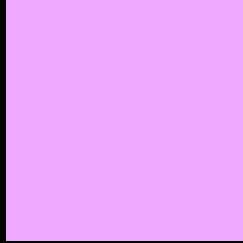
Large Text (above 18pt) WCAG AA × Fail

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 199.4350, 27.3935, 33.8215 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 199.4350, 27.3935, 33.8215

Background



This preview shows how black text looks on a background with the YUV color 199.4350, 27.3935, 33.8215.



This preview shows how white text looks on a background with the YUV color 199.4350, 27.3935,

33.8215.

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

199.4350, 27.3935, 33.8215

Protanopia

194.3980, 29.8768, -16.1350

Deuteranopia

195.4480, 27.3871, -10.9169



Tritanopia

196.9480, -0.9604, 28.1096

Trichromacy



Original Color

199.4350, 27.3935, 33.8215



Protanomaly

196.5790, 28.8016, 2.1232



Deuteranomaly

196.8460, 27.1909, 5.3971

Tritanomaly

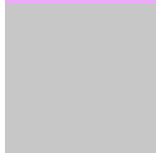
198.0050, 9.3645, 29.8136

Monochromacy



Original Color

199.4350, 27.3935, 33.8215



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

199.0090, 9.8556, 12.2701

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.4350, 27.3935, 33.8215 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(238, 169, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 169, 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(238, 169, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 169, 255) }
```

Border

The CSS property to change the border of an element to YUV 199.4350, 27.3935, 33.8215 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(238, 169, 255) }
```


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

```
.border{ border-color:rgb(238, 169, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 169, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 169, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 169, 255); box-shadow:4px 4px 4px 4px rgb(238, 169, 255) }
```

Background

The CSS property to change the background color of an element to YUV 199.4350, 27.3935, 33.8215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 169, 255) }
```

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

```
.background{ background-color: rgb(238,  
169, 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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