

Converting Colors

YUV(175.0140, 39.4331,
45.5917)

Have a look what the booklet for
YUV(175.0140, 39.4331, 45.5917)
contains.

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Color

**YUV(175.0140, 39.4331,
45.5917)**

Conversions

Conversions Part 1

Format	Color
Hex	E385FF
RGB	227, 133, 255
RGB Percent	89%, 52%, 100%
CMY	0.1098, 0.4784, 0.0000
CMYK	0.11, 0.48, 0.00, 0.00
HSL	286°, 100%, 76%
HSV	286°, 48%, 100%
XYZ	58.1161, 40.3260, 99.3284
YIQ	175.0140, 16.8620, 57.8700

Conversions

Conversions Part 2

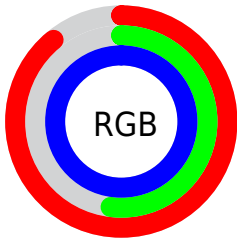
Format	Color
R_{YB}	227, 133, 255
Decimal	14910975
CIE _{Lab}	69.70, 54.98, -46.21
CIE _{LCh}	70, 71.820, 319.954
Yxy	40.3260, 0.2939, 0.2039
Android (android.graphics.Color)	4293101055 (0xFFE385FF)
YUV	175.0140, 39.4331, 45.5917
Hunter-Lab	63.5027, 52.2289, -48.2871

Details

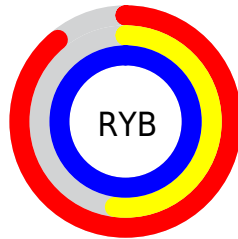
The YUV color **175.0140, 39.4331, 45.5917** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **212.9860, -39.4331, -45.5917**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.2580, 19.0998, 33.9767**, and **119.4760, 38.7123, 43.4325** is the 20% darker color. If you saturate the color by 10%, you get **158.5450, 47.5523, 54.7730**, and if you desaturate by 10%, it is **192.0700, 31.0245, 35.8956**.

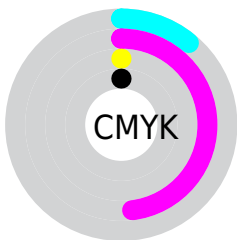
Distribution



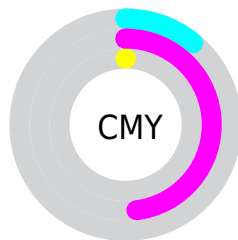
- Red (89%)
- Green (52%)
- Blue (100%)



- Red (89%)
- Yellow (52%)
- Blue (100%)



- Cyan (11%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 175.0140, 39.4331, 45.5917 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 175.0140, 39.4331, 45.5917 by changing the saturation by 10% instead.

 175.0140, 39.4331,
45.5917


 175.0140, 39.4331,
45.5917


255.0000, 0.0000,
0.0000


 147.1880, 38.8543,
44.5621


 216.2580, 19.0998,
33.9767


 119.4760, 38.7123,
43.4325


 232.6940, 10.9969,
19.5624

 92.0630, 38.4229,
42.9177

 249.7170, 2.6045,
4.6332

 63.3020, 39.2911,
44.4621

 39.3510, 38.2810,
41.7882

 28.4280, 31.3410,
27.6886

 18.8150, 24.2482,

15.9482

■ 5.0160, 19.2191,
-4.3990

■ 3.0950, 9.3202,
-2.7143

■ 175.0140, 39.4331,
45.5917

■ 175.0140, 39.4331,
45.5917

■ 158.5450, 47.5523,
54.7730

■ 192.0700, 31.0245,
35.8956

■ 141.4890, 55.9609,
64.4691

■ 208.5390, 22.9053,
26.7143

■ 125.0200, 64.0801,
73.6505

■ 225.5950, 14.4967,
17.0182

■ 108.2630, 72.3413,
83.9613

■ 241.7650, 6.5249,
7.2221

■ 91.7940, 80.4606, 255.0000, 0.0000,
93.1427 0.0000

■ 87.6740, 82.4917,
95.0019

Harmonies

Analogous

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



161.8380, 45.9289, -31.4299



175.0140, 39.4331, 45.5917



162.4580, 16.0432, 81.1593

Triad

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



175.0140, 39.4331, 45.5917



161.6920, -69.8542, 52.0131



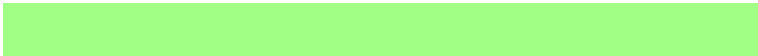
142.2690, 34.8704, -124.7699

Complementary

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



175.0140, 39.4331, 45.5917



212.9860, -39.4331, -45.5917

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.



133.3430, 5.7469, -116.9418



175.0140, 39.4331, 45.5917



156.6490, -64.9030, 3.8158

Square

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



175.0140, 39.4331, 45.5917



161.8230, -44.7757, 81.7162



145.5480, -31.8222, -60.1166



144.1220, 54.6629, -126.3950

Rectangle

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



175.0140, 39.4331, 45.5917



155.0940, -2.0183, 87.6176



145.5480, -31.8222, -60.1166



139.7610, 25.2608, -122.5704

Sweetspot

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



175.0140, 39.4331, 45.5917



231.4760, 11.5973, 13.6145



163.3440, 45.1864, -26.6117



113.5910, 7.1036, 8.2517



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.



175.0140, 39.4331, 45.5917



160.0180, 46.8261, 54.3582



179.6240, 20.8914, 66.1048



119.4720, 4.2043, 4.8481



65.7270, 61.7596, 71.2764



21.9470, 20.7321, 23.7255

Inverse Universe

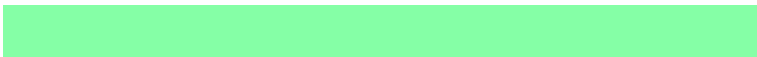
The Inverse Universe completely reimagines the original color for something new.



172.6700, -5.7533, 72.2034



157.1170, -6.9597, 85.8434



208.3760, -20.8914, -66.1048



119.2290, -0.6059, 7.6922



62.1250, -8.9356, 113.0234



20.8460, -2.8821, 37.8461

Previews

White Background



This preview shows how the YUV color 175.0140, 39.4331, 45.5917 looks on a white background.

Color Contrast Check

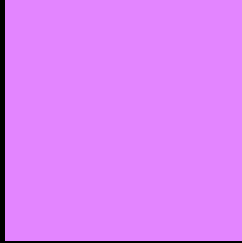
Large Text (above 18pt) WCAG AA × Fail

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 175.0140, 39.4331, 45.5917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

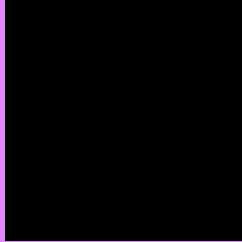
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.0140, 39.4331, 45.5917

Background



This preview shows how black text looks on a background with the YUV color 175.0140, 39.4331, 45.5917.



This preview shows how white text looks on a background with the YUV color 175.0140, 39.4331, 45.5917.

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

175.0140, 39.4331, 45.5917

Protanopia

169.2470, 42.2762, -26.5266

Deuteranopia

169.0360, 38.9293, -26.3416



Tritanopia

173.3080, -3.6028, 35.6869

Trichromacy



Original Color

175.0140, 39.4331, 45.5917



Protanomaly

171.1840, 41.3213, -0.1614



Deuteranomaly

171.3150, 39.2847, -0.2763

Tritanomaly

173.7550, 11.9528, 39.6799

Monochromacy



Original Color

175.0140, 39.4331, 45.5917



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

175.1820, 14.2073, 16.5034

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.0140, 39.4331, 45.5917 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(227, 133, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 133, 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(227, 133, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 133, 255) }
```

Border

The CSS property to change the border of an element to YUV 175.0140, 39.4331, 45.5917 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(227, 133, 255) }
```


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

```
.border{ border-color:rgb(227, 133, 255) }
```

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

Here you see how a box with a 4 pixel rgb(227, 133, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 133, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 133, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 133,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 175.0140, 39.4331, 45.5917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 133, 255) }
```

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

```
.background{ background-color: rgb(227,  
133, 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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