

Converting Colors

YUV(173.9960, 39.9350,
24.5595)

Have a look what the booklet for
YUV(173.9960, 39.9350, 24.5595)
contains.

| | |
|--|----|
| YUV(173.9960, 39.9350, 24.5595) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(173.9960, 39.9350,
24.5595)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CA90FF |
| RGB | 202, 144, 255 |
| RGB Percent | 79%, 56%, 100% |
| CMY | 0.2078, 0.4353, 0.0000 |
| CMYK | 0.21, 0.44, 0.00, 0.00 |
| HSL | 271°, 100%, 78% |
| HSV | 271°, 44%, 100% |
| XYZ | 52.3804, 39.7231, 99.5143 |
| YIQ | 173.9960, -1.0630, 46.8170 |

Conversions

Conversions Part 2

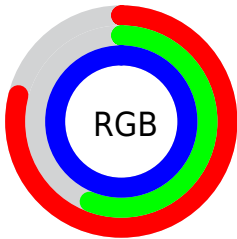
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 202, 144, 255 |
| Decimal | 13275391 |
| CIE Lab | 69.27, 42.38, -47.07 |
| CIE LCh | 69, 63.340, 312.000 |
| Yxy | 39.7231, 0.2734, 0.2073 |
| Android (android.graphics.Color) | 4291465471 (0xFFCA90FF) |
| YUV | 173.9960, 39.9350, 24.5595 |
| Hunter-Lab | 63.0262, 38.0534, -49.4967 |

Details

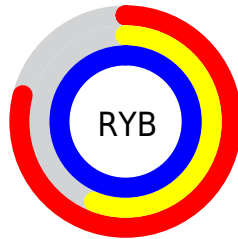
The YUV color $173.9960, 39.9350, 24.5595$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $225.0040, -39.9350, -24.5595$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $222.1280, 16.2059, 28.8287$, and $120.2300, 38.3406, 22.6003$ is the 20% darker color. If you saturate the color by 10%, you get $155.7330, 48.9386, 30.0522$, and if you desaturate by 10%, it is $192.8460, 30.6419, 18.5521$.

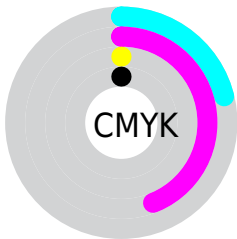
Distribution



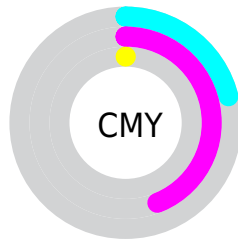
- Red (79%)
- Green (56%)
- Blue (100%)



- Red (79%)
- Yellow (56%)
- Blue (100%)



- Cyan (21%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (21%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 173.9960, 39.9350, 24.5595 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 173.9960, 39.9350, 24.5595 by changing the saturation by 10% instead.


 173.9960, 39.9350,
24.5595

 173.9960, 39.9350,
24.5595


255.0000, 0.0000,
0.0000


 147.0560, 38.9194,
23.6299

 222.1280, 16.2059,
28.8287


 120.2300, 38.3406,
22.6003


 238.5640, 8.1029,
14.4144

 93.9910, 37.4724,
21.0559

 69.0510, 36.4569,
20.1263

 42.7520, 36.6043,
19.5115

 21.5510, 34.7314,
13.5488

 11.9380, 27.6386,

1.8084

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 173.9960, 39.9350,
24.5595

■ 173.9960, 39.9350,
24.5595

■ 155.7330, 48.9386,
30.0522

■ 192.8460, 30.6419,
18.5521

■ 136.8830, 58.2317,
36.0596

■ 211.1090, 21.6383,
13.0594

■ 117.7340, 67.6721,
41.4523

■ 230.2580, 12.1978,
7.6667

■ 99.4710, 76.6758,
46.9449

■ 248.5210, 3.1941,
2.1741

■ 80.6210, 85.9688, 255.0000, 0.0000,
52.9524 0.0000

■ 68.8370, 91.7784,
56.2710

Harmonies

Analogous

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



157.8850, 47.8777, -49.8881



173.9960, 39.9350, 24.5595



171.3430, 17.0859, 73.3672

Triad

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



173.9960, 39.9350, 24.5595



164.8400, -54.1511, 55.3913



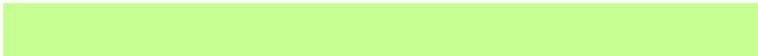
137.4130, 26.4184, -120.5112

Complementary

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



173.9960, 39.9350, 24.5595



225.0040, -39.9350, -24.5595

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.



129.5130, 1.2261, -113.5829



173.9960, 39.9350, 24.5595



160.4900, -56.9366, 15.3563

Square

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



173.9960, 39.9350, 24.5595



163.9720, -34.0032, 79.8316



152.7470, -36.8503, -33.9811



141.8080, 50.8737, -124.3656

Rectangle

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



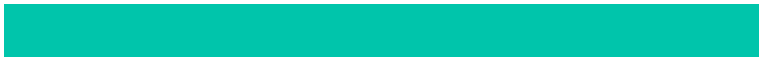
173.9960, 39.9350, 24.5595



162.9020, 2.5133, 80.7699



152.7470, -36.8503, -33.9811



135.1330, 17.6824, -118.5116

Sweetspot

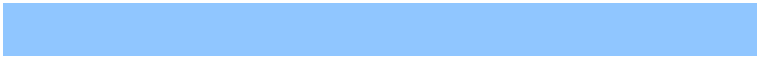
The Sweet Spot groups the original color and five complimentary colors.



173.9960, 39.9350, 24.5595



230.8450, 11.9084, 7.1519



188.3520, 32.8575, -38.8967



112.6830, 7.5513, 4.6630



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.



173.9960, 39.9350, 24.5595



158.0920, 47.7756, 29.7373



189.6150, 31.2488, 57.3426



118.2760, 4.7939, 2.3889



51.6740, 68.6877, 42.3819



17.1630, 23.0906, 13.8890

Inverse Universe

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



183.2310, 6.7881, 62.9414



169.0630, 8.3499, 75.3667



209.3850, -31.2488, -57.3426



119.5710, 0.7045, 7.3922



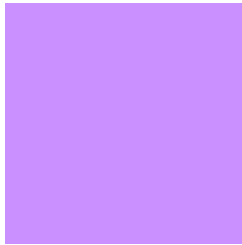
67.4830, 11.5939, 108.3244



22.5560, 3.6699, 36.3464

Previews

White Background



This preview shows how the YUV color 173.9960, 39.9350, 24.5595 looks on a white background.

Color Contrast Check

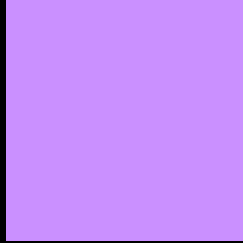
Large Text (above 18pt) WCAG AA × Fail

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 173.9960, 39.9350, 24.5595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

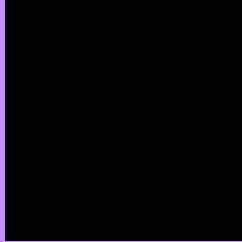
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.9960, 39.9350, 24.5595

Background



This preview shows how black text looks on a background with the YUV color 173.9960, 39.9350, 24.5595.



This preview shows how white text looks on a background with the YUV color 173.9960, 39.9350,

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

173.9960, 39.9350, 24.5595

Protanopia

168.3610, 42.7130, -26.6266

Deuteranopia

167.1820, 40.8293, -29.1006



Tritanopia

171.2560, 1.8458, 14.6845

Trichromacy



Original Color

173.9960, 39.9350, 24.5595



Protanomaly

170.5420, 41.6378, -8.3683



Deuteranomaly

169.6020, 40.6222, -9.2980

Tritanomaly

171.9480, 15.8016, 18.4626

Monochromacy



Original Color

173.9960, 39.9350, 24.5595



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.8390, 14.3764, 8.9112

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.9960, 39.9350, 24.5595 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(202, 144, 255)` looks like.

```
.text, #text, p{  
    color:rgb(202, 144, 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(202, 144, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 144, 255) }
```

Border

The CSS property to change the border of an element to YUV 173.9960, 39.9350, 24.5595 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(202, 144, 255) }
```


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

```
.border{ border-color:rgb(202, 144, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 144, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 144, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 144, 255);  
box-shadow:4px 4px 4px 4px rgb(202, 144,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 173.9960, 39.9350, 24.5595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 144, 255) }
```

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

```
.background{ background-color: rgb(202,  
144, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor