

# Converting Colors

YUV(159.2950, 39.7876,  
25.1743)

Have a look what the booklet for  
YUV(159.2950, 39.7876, 25.1743)  
contains.

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# Color

**YUV(159.2950, 39.7876,  
25.1743)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC81F0
RGB	188, 129, 240
RGB Percent	74%, 51%, 94%
CMY	0.2627, 0.4941, 0.0588
CMYK	0.22, 0.46, 0.00, 0.06
HSL	272°, 79%, 72%
HSV	272°, 46%, 94%
XYZ	44.3175, 32.6832, 86.4108
YIQ	159.2950, -0.4670, 47.0290

# Conversions

## Conversions Part 2

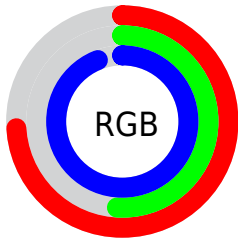
Format	Color
R <sub>Y</sub> B	188, 129, 240
Decimal	12354032
CIE <sub>Lab</sub>	63.90, 43.31, -47.40
CIE <sub>LCh</sub>	64, 64.206, 312.414
Yxy	32.6832, 0.2712, 0.2000
Android (android.graphics.Color)	4290544112 (0xFFBC81F0)
YUV	159.2950, 39.7876, 25.1743
Hunter-Lab	57.1692, 38.3269, -49.5979

# Details

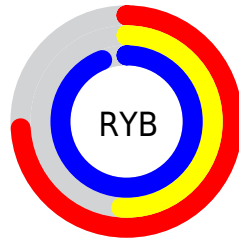
The YUV color **159.2950, 39.7876, 25.1743** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **209.7050, -39.7876, -25.1743**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.0450, 22.1628, 31.5325**, and **106.1160, 37.9038, 22.7003** is the 20% darker color. If you saturate the color by 10%, you get **141.9180, 48.3544, 30.7669**, and if you desaturate by 10%, it is **176.6720, 31.2207, 19.5817**.

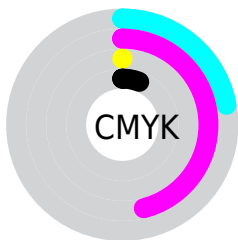
# Distribution



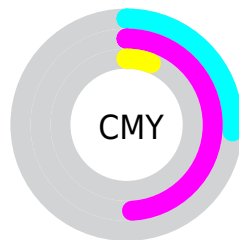
- Red (74%)
- Green (51%)
- Blue (94%)



- Red (74%)
- Yellow (51%)
- Blue (94%)



- Cyan (22%)
- Magenta (46%)
- Yellow (0%)
- Black (6%)




- Cyan (26%)
- Magenta (49%)
- Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 159.2950, 39.7876, 25.1743 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 159.2950, 39.7876, 25.1743 by changing the saturation by 10% instead.





 159.2950, 39.7876,  
25.1743


 159.2950, 39.7876,  
25.1743


255.0000, 0.0000,  
0.0000


 132.3550, 38.7720,  
24.2447


 210.0450, 22.1628,  
31.5325


 106.1160, 37.9038,  
22.7003


 229.1720, 12.7332,  
22.6512

 80.2900, 37.3250,  
21.6707

 246.1950, 4.3409,  
7.7220

 54.5780, 37.1830,  
20.5411

 27.4040, 37.7618,  
21.5707

 16.1820, 30.9693,  
6.8564

 6.2700, 24.0239,

-5.4988

■ 4.9360, 13.8356,  
-4.3289

■ 0.6840, 2.6208,  
-0.5999

■ 159.2950, 39.7876,  
25.1743

■ 159.2950, 39.7876,  
25.1743

■ 141.9180, 48.3544,  
30.7669

■ 176.6720, 31.2207,  
19.5817

■ 124.5410, 56.9213,  
36.3595

■ 194.0490, 22.6538,  
13.9890

■ 106.8650, 65.6356,  
41.3374

■ 211.7250, 13.9396,  
9.0112

■ 89.4880, 74.2024,  
46.9300

■ 229.1020, 5.3727,  
3.4185

■ 72.1110, 82.7693,  
52.5227

■ 246.4790, -3.1941,  
-2.1741

■ 65.6320, 85.9634,  
54.6967

■ 253.2900, -6.5520,  
1.4997

# Harmonies

## Analogous

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



143.3990, 55.0193, -53.8469



159.2950, 39.7876, 25.1743



156.0550, 17.2279, 74.4968

# Triad

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



159.2950, 39.7876, 25.1743



149.4870, -55.4561, 53.9469



127.1260, 25.0809, -111.4895

# Complementary

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



159.2950, 39.7876, 25.1743



209.7050, -39.7876, -25.1743

# 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.



119.1120, -0.5482, -104.4612



159.2950, 39.7876, 25.1743



145.2080, -59.2625, 14.7266

# Square

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



159.2950, 39.7876, 25.1743



150.7660, -34.8876, 83.5202



137.8500, -36.4080, -35.8254



131.4070, 49.0993, -115.2439



# Rectangle

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



159.2950, 39.7876, 25.1743



151.8000, 0.5916, 90.5064



137.8500, -36.4080, -35.8254



124.8460, 16.3449, -109.4899

# Sweetspot

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



159.2950, 39.7876, 25.1743



228.7850, 12.9240, 8.0816



173.3520, 32.8575, -38.8967



111.7970, 7.9881, 4.5630



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.



159.2950, 39.7876, 25.1743



151.0260, 51.2592, 32.4262



174.6150, 31.2488, 57.3426



111.1620, 4.3571, 2.4889



50.2780, 65.9249, 41.8522



15.3540, 20.0385, 12.8445



# Inverse Universe

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



168.1170, 6.3513, 63.0414



162.3950, 8.1863, 81.2146



194.3850, -31.2488, -57.3426



112.1580, 0.4151, 6.8774



64.8200, 10.4417, 104.5209

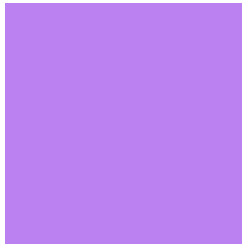


19.7080, 3.1020, 31.8281



# Previews

## White Background



This preview shows how the YUV color 159.2950, 39.7876, 25.1743 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

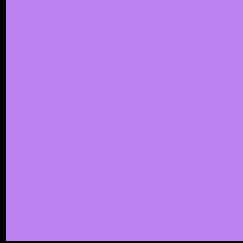
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 159.2950, 39.7876, 25.1743 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

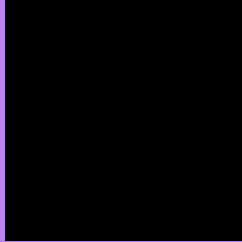
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 159.2950, 39.7876, 25.1743

## Background



This preview shows how black text looks on a background with the YUV color 159.2950, 39.7876, 25.1743.



This preview shows how white text looks on a background with the YUV color 159.2950, 39.7876, 25.1743.

25.1743.

# 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

159.2950, 39.7876, 25.1743

### Protanopia

152.0810, 50.7391, -34.2740

### Deuteranopia

152.1710, 40.8347, -30.8450



## Tritanopia

157.0280, 0.9722, 14.8844

# Trichromacy



## Original Color

159.2950, 39.7876, 25.1743



## Protanomaly

154.8880, 46.8902, -13.0568



## Deuteranomaly

154.8900, 40.4802, -10.4275



## Tritanomaly

157.7200, 14.9280, 18.6626

# Monochromacy



## Original Color

159.2950, 39.7876, 25.1743



## Achromatopsia

159.0000, 0.0000, 0.0000



## Achromatomaly

159.1380, 14.2290, 9.5260

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 159.2950, 39.7876, 25.1743 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(188, 129, 240)` looks like.

```
.text, #text, p{  
    color:rgb(188, 129, 240)  
}
```

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(188, 129, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 129, 240) }
```

## Border

The CSS property to change the border of an element to YUV 159.2950, 39.7876, 25.1743 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(188, 129, 240) }
```



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

```
.border{ border-color:rgb(188, 129, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 129, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 129, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 129, 240);  
box-shadow:4px 4px 4px 4px rgb(188, 129,  
240) }
```

# Background

The CSS property to change the background color of an element to YUV 159.2950, 39.7876, 25.1743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 129, 240) }
```

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

```
.background{ background-color: rgb(188,  
129, 240) }
```

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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