

# Converting Colors

YUV(101.0030, 39.9315,  
119.2694)

Have a look what the booklet for  
YUV(101.0030, 39.9315, 119.2694)  
contains.

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# Color

**YUV(101.0030, 39.9315,  
119.2694)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED10B6
RGB	237, 16, 182
RGB Percent	93%, 6%, 71%
CMY	0.0706, 0.9373, 0.2863
CMYK	0.00, 0.93, 0.23, 0.07
HSL	315°, 87%, 50%
HSV	315°, 93%, 93%
XYZ	43.5538, 21.7525, 46.1591
YIQ	101.0030, 78.4300, 98.4780

# Conversions

## Conversions Part 2

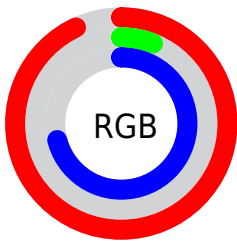
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 16, 182
Decimal	15536310
CIE <sub>Lab</sub>	53.76, 84.77, -29.96
CIE <sub>LCh</sub>	54, 89.912, 340.535
Yxy	21.7525, 0.3907, 0.1952
Android (android.graphics.Color)	4293726390 (0xFFED10B6)
YUV	101.0030, 39.9315, 119.2694
Hunter-Lab	46.6396, 85.0709, -26.0315

# Details

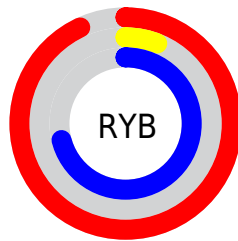
The YUV color **101.0030, 39.9315, 119.2694** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **151.9970, -39.9315, -119.2694**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.2510, 36.8513, 80.4639**, and **67.3300, 30.4033, 95.3036** is the 20% darker color. If you saturate the color by 10%, you get **91.1550, 42.8146, 127.9061**, and if you desaturate by 10%, it is **115.7750, 35.6069, 106.3143**.

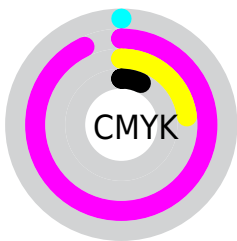
# Distribution



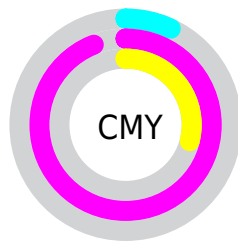
- Red (93%)
- Green (6%)
- Blue (71%)



- Red (93%)
- Yellow (6%)
- Blue (71%)



- Cyan (0%)
- Magenta (93%)
- Yellow (23%)
- Black (7%)



- Cyan (7%)
- Magenta (94%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 101.0030, 39.9315, 119.2694 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 101.0030, 39.9315, 119.2694 by changing the saturation by 10% instead.



101.0030, 39.9315,  
119.2694

101.0030, 39.9315,  
119.2694

255.0000, 0.0000,  
0.0000

79.2640, 37.3378,  
111.1475

163.2510, 36.8513,  
80.4639

67.3300, 30.4033,  
95.3036

183.3860, 35.3057,  
62.8055

55.3960, 23.4688,  
79.4597

201.5830, 26.3346,  
46.8467

43.6900, 17.4078,  
63.4159

219.1930, 17.6529,  
31.4027

32.6960, 11.4889,  
48.5016

237.3900, 8.6817,  
15.4440

21.5170, 6.1541,  
32.8726

8.6430, -1.7960,

16.0991

■ 0.0000, 0.0000,  
0.0000

■ 101.0030, 39.9315,  
119.2694

■ 101.0030, 39.9315,  
119.2694

■ 91.1550, 42.8146,  
127.9061

■ 115.7750, 35.6069,  
106.3143

■ 129.9600, 31.5717,  
93.8741

■ 144.7320, 27.2471,  
80.9190

■ 159.5040, 22.9225,  
67.9640

■ 173.5750, 18.4505,  
55.6237

■ 188.3470, 14.1259,  
42.6687

■ 203.1190, 9.8013,  
29.7136

■ 217.8910, 5.4767,  
16.7586

■ 232.0760, 1.4415,  
4.3183

# Harmonies

## Analogous

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



129.5290, 58.4062, 26.7231



101.0030, 39.9315, 119.2694



88.2150, 8.2750, 146.2704

# Triad

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



101.0030, 39.9315, 119.2694



118.1260, -58.2361, 12.1675



119.4390, 54.0136, -104.7480

# Complementary

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



101.0030, 39.9315, 119.2694



151.9970, -39.9315, -119.2694

# 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.



111.5900, 21.4011, -97.8644



101.0030, 39.9315, 119.2694



93.7310, -46.2094, -65.5391

# Square

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



101.0030, 39.9315, 119.2694



120.2390, -59.2778, 66.4424



100.4810, -13.5481, -88.1218



117.7070, 67.6854, -103.2290



# Rectangle

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



101.0030, 39.9315, 119.2694



98.6410, -21.5150, 134.4958



100.4810, -13.5481, -88.1218



117.4040, 43.6778, -102.9633

# Sweetspot

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



101.0030, 39.9315, 119.2694



211.2710, 12.6844, 38.3503



56.7420, 88.8672, 9.8733



100.9180, 7.9284, 23.7509



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.



101.0030, 39.9315, 119.2694



98.1330, 46.2764, 137.5724



88.8050, -6.8059, 129.9670



110.2010, 1.8729, 5.9627



69.6230, 32.7239, 97.6776



20.7060, 9.5119, 29.1988



# Inverse Universe

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



101.0030, 39.9315, 119.2694



98.1330, 46.2764, 137.5724



164.1950, 6.8059, -129.9670



110.2010, 1.8729, 5.9627



69.6230, 32.7239, 97.6776



20.7060, 9.5119, 29.1988



# Previews

## White Background



This preview shows how the YUV color 101.0030, 39.9315, 119.2694 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

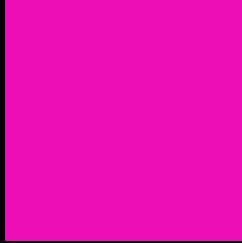
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 101.0030, 39.9315, 119.2694 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 × Fail

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

# **YUV 101.0030, 39.9315, 119.2694 Background**



This preview shows how black text looks on a background with the YUV color 101.0030, 39.9315, 119.2694.



This preview shows how white text looks on a background with the YUV color 101.0030, 39.9315,



# 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

101.0030, 39.9315, 119.2694

### Protanopia

116.7970, 68.1341, -60.3350

### Deuteranopia

129.8090, 19.8142, -8.6025



## Tritanopia

120.1000, -21.2483, 95.5053

# Trichromacy



## Original Color

101.0030, 39.9315, 119.2694



## Protanomaly

110.8700, 57.7451, 5.3760



## Deuteranomaly

119.6420, 26.7985, 38.0250



## Tritanomaly

113.0020, 0.9850, 104.3612

# Monochromacy



## Original Color

101.0030, 39.9315, 119.2694



## Achromatopsia

101.0000, 0.0000, 0.0000



## Achromatomaly

100.7600, 14.4153, 43.1835

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 101.0030, 39.9315, 119.2694 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(237, 16, 182)` looks like.

```
.text, #text, p{  
    color:rgb(237, 16, 182)  
}
```

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(237, 16, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 16, 182) }
```

## Border

The CSS property to change the border of an element to YUV 101.0030, 39.9315, 119.2694 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(237, 16, 182) }
```



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

```
.border{ border-color:rgb(237, 16, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 16, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 16, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 16, 182);  
box-shadow:4px 4px 4px 4px rgb(237, 16,  
182) }
```

# Background

The CSS property to change the background color of an element to YUV 101.0030, 39.9315, 119.2694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 16, 182) }
```

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

```
.background{ background-color: rgb(237, 16,  
182) }
```

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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