

# Converting Colors

YUV(93.9810, 2.9674, 121.9197)

Have a look what the booklet for  
YUV(93.9810, 2.9674, 121.9197)  
contains.

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# Color

**YUV(93.9810, 2.9674,  
121.9197)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E91664
RGB	233, 22, 100
RGB Percent	91%, 9%, 39%
CMY	0.0863, 0.9137, 0.6078
CMYK	0.00, 0.91, 0.57, 0.09
HSL	338°, 83%, 50%
HSV	338°, 91%, 91%
XYZ	36.1914, 18.8176, 13.7812
YIQ	93.9810, 100.7180, 68.9900

# Conversions

## Conversions Part 2

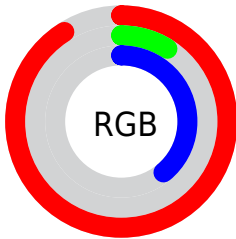
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	233, 22, 100
Decimal	15275620
CIE <sub>Lab</sub>	50.47, 75.88, 14.19
CIE <sub>LCh</sub>	50, 77.197, 10.594
Yxy	18.8176, 0.5261, 0.2735
Android (android.graphics.Color)	4293465700 (0xFFE91664)
YUV	93.9810, 2.9674, 121.9197
Hunter-Lab	43.3792, 73.0096, 11.5295

# Details

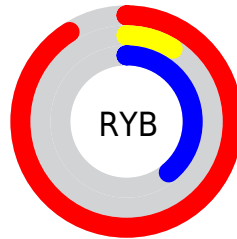
The YUV color **93.9810, 2.9674, 121.9197** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **161.0190, -2.9674, -121.9197**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.4580, -0.7188, 90.8063**, and **56.9860, -1.4721, 99.1133** is the 20% darker color. If you saturate the color by 10%, you get **79.4710, 3.2188, 134.6449**, and if you desaturate by 10%, it is **109.1920, 2.8633, 108.5796**.

# Distribution



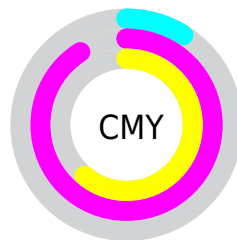
- Red (91%)
- Green (9%)
- Blue (39%)



- Red (91%)
- Yellow (9%)
- Blue (39%)



- Cyan (0%)
- Magenta (91%)
- Yellow (57%)
- Black (9%)




- Cyan (9%)
- Magenta (91%)
- Yellow (61%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 93.9810, 2.9674, 121.9197 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 93.9810, 2.9674, 121.9197 by changing the saturation by 10% instead.





 93.9810, 2.9674,  
121.9197

 93.9810, 2.9674,  
121.9197


255.0000, 0.0000,  
0.0000


 68.7630, 3.5678,  
115.9718


 151.4580, -0.7188,  
90.8063


 56.9860, -1.4721,  
99.1133


 172.7330, 2.1036,  
72.1482

 45.4370, -5.6384,  
82.0548


 193.4210, 5.2154,  
54.0048

 33.5460, -11.1152,  
65.2962

 214.2230, 8.7641,  
35.7614

 24.0770, -9.8980,  
48.1675

 234.4550, 10.1287,  
18.0180

 13.9820, -5.9071,  
28.0798

 252.0650, 1.4470,

 0.0000, 0.0000,

2.5740

0.0000

■ 93.9810, 2.9674,  
121.9197

■ 93.9810, 2.9674,  
121.9197

■ 79.4710, 3.2188,  
134.6449

■ 109.1920, 2.8633,  
108.5796


■ 124.8760, 2.0331,  
94.8247


■ 140.0870, 1.9291,  
81.4847

■ 155.2980, 1.8251,  
68.1447

■ 170.9820, 0.9949,  
54.3898

■ 186.1930, 0.8909,  
41.0497

 201.4040, 0.7868,  
27.7097

 216.5010, 0.2460,  
14.4696

 232.2990, -0.1474,  
0.6148

# Harmonies

## Analogous

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



108.9120, 27.6514, 91.2852



93.9810, 2.9674, 121.9197



107.1530, -35.0784, 98.0898

# Triad

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



93.9810, 2.9674, 121.9197



94.4500, -46.5638, -45.1216



109.5230, 66.7902, -96.0517

# Complementary

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



93.9810, 2.9674, 121.9197



161.0190, -2.9674, -121.9197

# 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.



109.6590, 47.0031, -96.1709



93.9810, 2.9674, 121.9197



93.4370, -10.0754, -81.9442

# Square

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



93.9810, 2.9674, 121.9197



110.7500, -54.5998, 12.4972



103.1780, 19.6322, -90.4871



99.6410, 74.6200, -87.3852



# Rectangle

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



93.9810, 2.9674, 121.9197



111.1350, -54.7896, 73.5496



103.1780, 19.6322, -90.4871



110.7310, 61.2646, -97.1111

# Sweetspot

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



93.9810, 2.9674, 121.9197



209.5950, 1.1857, 39.8202



84.9240, 73.0015, 58.8257



100.9690, 0.5083, 23.7062



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.



93.9810, 2.9674, 121.9197



86.9610, 3.4702, 147.3702



99.7640, -38.3377, 116.8480



109.7450, 0.1257, 6.3626



61.7570, 2.5848, 104.5761



18.4260, 0.7760, 31.1984



# Inverse Universe

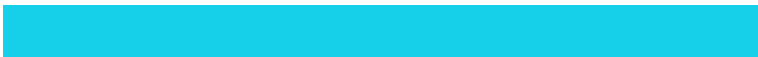
The Inverse Universe completely reimagines the original color for something new.



93.9810, 2.9674, 121.9197



86.9610, 3.4702, 147.3702



155.2360, 38.3377, -116.8480



109.7450, 0.1257, 6.3626



61.7570, 2.5848, 104.5761

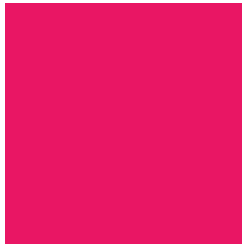


18.4260, 0.7760, 31.1984



# Previews

## White Background



This preview shows how the YUV color 93.9810, 2.9674, 121.9197 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

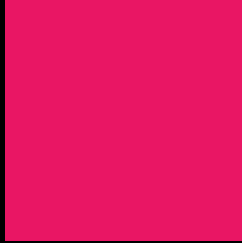
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 93.9810, 2.9674, 121.9197 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

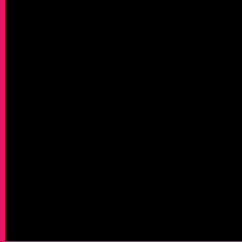
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 93.9810, 2.9674, 121.9197

## Background



This preview shows how black text looks on a background with the YUV color 93.9810, 2.9674, 121.9197.



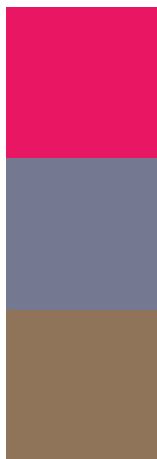
This preview shows how white text looks on a background with the YUV color 93.9810, 2.9674, 121.9197.



# 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

93.9810, 2.9674, 121.9197

### Protanopia

121.5400, 11.0728, -4.8586

### Deuteranopia

121.1090, -15.3367, 19.1984



## Tritanopia

99.7990, -28.0019, 115.0633

# Trichromacy



## Original Color

93.9810, 2.9674, 121.9197



## Protanomaly

111.4410, 8.1636, 41.7092



## Deuteranomaly

111.4740, -8.6147, 56.5893



## Tritanomaly

97.7960, -16.6614, 117.6969

# Monochromacy



## Original Color

93.9810, 2.9674, 121.9197



## Achromatopsia

94.0000, 0.0000, 0.0000



## Achromatomaly

94.2150, 0.8800, 44.5384

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 93.9810, 2.9674, 121.9197 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(233, 22, 100)` looks like.

```
.text, #text, p{  
    color:rgb(233, 22, 100)  
}
```

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(233, 22, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 22, 100) }
```

## Border

The CSS property to change the border of an element to YUV 93.9810, 2.9674, 121.9197 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(233, 22, 100) }
```



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

```
.border{ border-color:rgb(233, 22, 100) }
```

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

Here you see how a box with a 4 pixel rgb(233, 22, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 22, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 22, 100);  
box-shadow:4px 4px 4px 4px rgb(233, 22,  
100) }
```

# Background

The CSS property to change the background color of an element to YUV 93.9810, 2.9674, 121.9197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 22, 100) }
```

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

```
.background{ background-color: rgb(233, 22,  
100) }
```

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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