

Converting Colors

YUV(98.4390, 15.0666,
114.5020)

Have a look what the booklet for
YUV(98.4390, 15.0666, 114.5020)
contains.

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Color

**YUV(98.4390, 15.0666,
114.5020)**

Conversions

Conversions Part 1

Format	Color
Hex	E51A81
RGB	229, 26, 129
RGB Percent	90%, 10%, 51%
CMY	0.1020, 0.8980, 0.4941
CMYK	0.00, 0.89, 0.44, 0.10
HSL	330°, 80%, 50%
HSV	330°, 89%, 90%
XYZ	36.6449, 18.9818, 22.5013
YIQ	98.4390, 87.9250, 75.0690

Conversions

Conversions Part 2

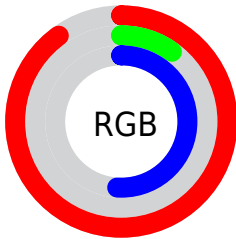
Format	Color
R_{YB}	229, 26, 129
Decimal	15014529
CIE _{Lab}	50.67, 76.56, -3.30
CIE _{LCh}	51, 76.629, 357.530
Yxy	18.9818, 0.4690, 0.2430
Android (android.graphics.Color)	4293204609 (0xFFE51A81)
YUV	98.4390, 15.0666, 114.5020
Hunter-Lab	43.5681, 73.8915, -0.1235

Details

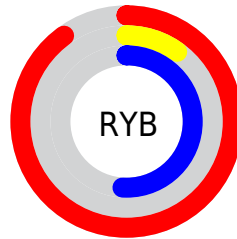
The YUV color **98.4390, 15.0666, 114.5020** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **156.5610, -15.0666, -114.5020**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.2800, 12.6800, 86.5774**, and **59.0530, 10.3269, 94.6695** is the 20% darker color. If you saturate the color by 10%, you get **83.6840, 16.9178, 127.4421**, and if you desaturate by 10%, it is **113.1940, 13.2154, 101.5619**.

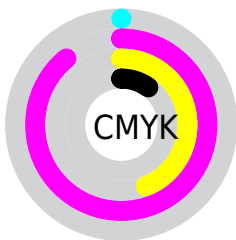
Distribution



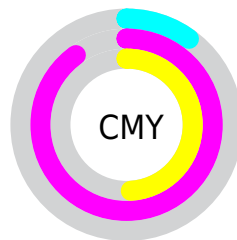
- Red (90%)
- Green (10%)
- Blue (51%)



- Red (90%)
- Yellow (10%)
- Blue (51%)



- Cyan (0%)
- Magenta (89%)
- Yellow (44%)
- Black (10%)




- Cyan (10%)
- Magenta (90%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.4390, 15.0666, 114.5020 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 98.4390, 15.0666, 114.5020 by changing the saturation by 10% instead.


 98.4390, 15.0666,
114.5020


 98.4390, 15.0666,
114.5020


255.0000, 0.0000,
0.0000


 71.0580, 16.2404,
111.3281


 156.2800, 12.6800,
86.5774


 59.0530, 10.3269,
94.6695


 177.5550, 15.5024,
67.9193

 47.4610, 4.7027,
78.5257


 198.3570, 19.0510,
49.6759

 36.0970, -0.0478,
62.1819

 217.4320, 18.5210,
32.9471

 25.2170, -5.5300,
47.1677

 235.0420, 9.8393,
17.5032

 14.2810, -6.0545,
28.6946

 253.2390, 0.8682,

 0.0000, 0.0000,

1.5444

0.0000

■ 98.4390, 15.0666,
114.5020

■ 98.4390, 15.0666,
114.5020

■ 83.6840, 16.9178,
127.4421

■ 113.1940, 13.2154,
101.5619

■ 81.6950, 16.9124,
129.1865

■ 128.0630, 11.8009,
88.5217

■ 142.8180, 9.9497,
75.5816

■ 157.5730, 8.0985,
62.6415

■ 171.7410, 6.5367,
50.2161

■ 186.6100, 5.1223,
37.1760

■ 201.3650, 3.2711,
24.2359

■ 216.1200, 1.4198,
11.2958

■ 230.9890, 0.0054,
-1.7444

Harmonies

Analogous

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



118.6250, 36.1739, 64.3499



98.4390, 15.0666, 114.5020



103.1710, -18.8183, 109.4750

Triad

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



98.4390, 15.0666, 114.5020



104.6710, -51.6028, -15.4975



110.8620, 59.2280, -97.2260

Complementary

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



98.4390, 15.0666, 114.5020



156.5610, -15.0666, -114.5020

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.



107.3960, 35.7938, -94.1863



98.4390, 15.0666, 114.5020



89.4300, -22.8900, -78.4301

Square

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



98.4390, 15.0666, 114.5020



113.2410, -55.8278, 33.1146



99.7580, 6.5283, -87.4878



105.7390, 72.5997, -92.7331

Rectangle

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



98.4390, 15.0666, 114.5020



109.5790, -44.6554, 89.8232



99.7580, 6.5283, -87.4878



110.4400, 52.5341, -96.8559

Sweetspot

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



98.4390, 15.0666, 114.5020



210.6210, 5.1168, 38.9204



78.4440, 74.2241, 39.9526



101.5390, 2.6923, 23.2063



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.



98.4390, 15.0666, 114.5020



90.9510, 18.7582, 143.8710



87.0390, -28.6132, 124.4998



107.2720, 0.8519, 6.7775



63.8950, 13.3628, 100.9471



18.2130, 3.8390, 28.7542

Inverse Universe

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



98.4390, 15.0666, 114.5020



90.9510, 18.7582, 143.8710



167.9610, 28.6132, -124.4998



107.2720, 0.8519, 6.7775



63.8950, 13.3628, 100.9471



18.2130, 3.8390, 28.7542

Previews

White Background



This preview shows how the YUV color 98.4390, 15.0666, 114.5020 looks on a white background.

Color Contrast Check

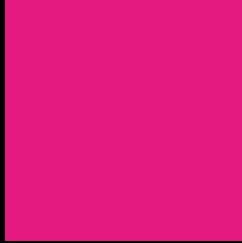
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.4390, 15.0666, 114.5020 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 98.4390, 15.0666, 114.5020

Background



This preview shows how black text looks on a background with the YUV color 98.4390, 15.0666, 114.5020.



This preview shows how white text looks on a background with the YUV color 98.4390, 15.0666,

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

98.4390, 15.0666, 114.5020

Protanopia

121.0880, 30.0296, -18.4942

Deuteranopia

122.8980, -1.9217, 9.7365



Tritanopia

106.0580, -24.1856, 104.3121

Trichromacy



Original Color

98.4390, 15.0666, 114.5020



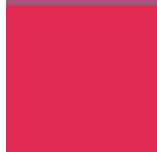
Protanomaly

113.0170, 24.6416, 29.8031



Deuteranomaly

114.4480, 4.2161, 47.8421



Tritanomaly

102.8640, -9.7930, 107.9903

Monochromacy



Original Color

98.4390, 15.0666, 114.5020



Achromatopsia

98.0000, 0.0000, 0.0000



Achromatomaly

98.3440, 5.2534, 41.7943

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.4390, 15.0666, 114.5020 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(229, 26, 129)` looks like.

```
.text, #text, p{  
    color:rgb(229, 26, 129)  
}
```

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(229, 26, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 26, 129) }
```

Border

The CSS property to change the border of an element to YUV 98.4390, 15.0666, 114.5020 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(229, 26, 129) }
```


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

```
.border{ border-color:rgb(229, 26, 129) }
```

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

Here you see how a box with a 4 pixel rgb(229, 26, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 26, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 26, 129);  
box-shadow:4px 4px 4px 4px rgb(229, 26,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 98.4390, 15.0666, 114.5020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 26, 129) }
```

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

```
.background{ background-color: rgb(229, 26,  
129) }
```

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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