

# Converting Colors

YUV(121.8830, 14.8477,  
91.3106)

Have a look what the booklet for  
YUV(121.8830, 14.8477, 91.3106)  
contains.

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# Color

**YUV(121.8830, 14.8477,  
91.3106)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E23F98
RGB	226, 63, 152
RGB Percent	89%, 25%, 60%
CMY	0.1137, 0.7529, 0.4039
CMYK	0.00, 0.72, 0.33, 0.11
HSL	327°, 74%, 57%
HSV	327°, 72%, 89%
XYZ	38.8090, 21.9908, 31.9049
YIQ	121.8830, 68.5790, 62.2350

# Conversions

## Conversions Part 2

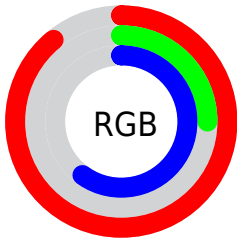
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 63, 152
Decimal	14827416
CIE <sub>Lab</sub>	54.02, 69.14, -12.12
CIE <sub>LCh</sub>	54, 70.194, 350.057
Yxy	21.9908, 0.4186, 0.2372
Android (android.graphics.Color)	4293017496 (0xFFE23F98)
YUV	121.8830, 14.8477, 91.3106
Hunter-Lab	46.8943, 65.6589, -7.5124

# Details

The YUV color **121.8830, 14.8477, 91.3106** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **167.1170, -14.8477, -91.3106**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.9300, 16.7965, 72.8524**, and **61.1480, 19.6470, 91.9552** is the 20% darker color. If you saturate the color by 10%, you get **107.2420, 17.1357, 104.1508**, and if you desaturate by 10%, it is **136.5240, 12.5597, 78.4705**.

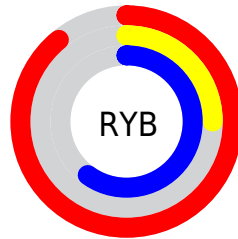
# Distribution



Red (89%)

Green (25%)

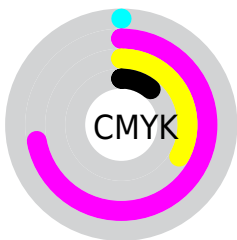
Blue (60%)



Red (89%)

Yellow (25%)

Blue (60%)

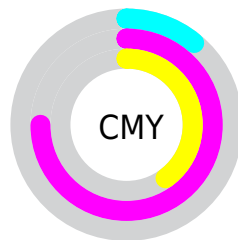


Cyan (0%)

Magenta (72%)

Yellow (33%)

Black (11%)



Cyan (11%)

Magenta (75%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 121.8830, 14.8477, 91.3106 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 121.8830, 14.8477, 91.3106 by changing the saturation by 10% instead.



121.8830, 14.8477,  
91.3106

121.8830, 14.8477,  
91.3106

255.0000, 0.0000,  
0.0000

87.0560, 19.1994,  
95.5439

171.9300, 16.7965,  
72.8524

61.1480, 19.6470,  
91.9552

192.1450, 20.6345,  
55.1238

49.7410, 13.4387,  
76.5261

211.5620, 21.4149,  
38.0951

38.1490, 7.8145,  
60.3823

229.1720, 12.7332,  
22.6512

27.3830, 2.7692,  
45.2681

246.7820, 4.0515,  
7.2072

16.2320, -5.0444,  
31.3685

0.2990, -0.1474,

0.6148

■ 0.0000, 0.0000,  
0.0000

■ 121.8830, 14.8477,  
91.3106

■ 121.8830, 14.8477,  
91.3106

■ 107.2420, 17.1357,  
104.1508

■ 136.5240, 12.5597,  
78.4705

■ 93.0740, 18.6975,  
116.5761

■ 150.6920, 10.9978,  
66.0451

■ 81.5960, 20.4122,  
126.6423

■ 165.3330, 8.7098,  
53.2050

■ 179.3870, 6.7112,  
40.8796

■ 194.0280, 4.4232,  
28.0394

■ 208.7830, 2.5720,  
15.0993

■ 222.8370, 0.5734,  
2.7740

■ 237.4780, -1.7147,  
-10.0662

■ 245.0750, -0.5300,  
-16.7288

# Harmonies

## Analogous

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



131.8350, 37.5493, 43.1177



121.8830, 14.8477, 91.3106



118.0220, -12.8288, 101.7127

# Triad

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



121.8830, 14.8477, 91.3106



115.9890, -57.1826, 0.8866



115.1190, 52.6923, -100.9594

# Complementary

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



121.8830, 14.8477, 91.3106



167.1170, -14.8477, -91.3106

# 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.



110.8380, 28.6739, -97.2049



121.8830, 14.8477, 91.3106



99.2420, -27.7273, -66.8642

# Square

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



121.8830, 14.8477, 91.3106



121.2810, -59.7915, 44.4806



103.0690, 1.4450, -90.3915



111.7400, 67.6692, -97.9960



# Rectangle

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



121.8830, 14.8477, 91.3106



120.8530, -33.4515, 89.5829



103.0690, 1.4450, -90.3915



114.4690, 45.1248, -100.3893

# Sweetspot

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



121.8830, 14.8477, 91.3106



219.2780, 5.2859, 31.3282



103.4090, 60.4374, 28.5823



106.2180, 2.8505, 19.1028



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.



121.8830, 14.8477, 91.3106



113.1720, 20.1282, 124.3832



112.6490, -20.5330, 99.4088



104.9730, 0.9993, 6.1627



63.5680, 15.9890, 98.6029



17.3160, 4.2812, 26.9099



# Inverse Universe

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



121.8830, 14.8477, 91.3106



113.1720, 20.1282, 124.3832



176.3510, 20.5330, -99.4088



104.9730, 0.9993, 6.1627



63.5680, 15.9890, 98.6029



17.3160, 4.2812, 26.9099



# Previews

## White Background



This preview shows how the YUV color 121.8830, 14.8477, 91.3106 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

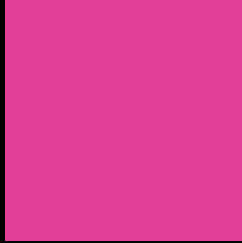
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 121.8830, 14.8477, 91.3106 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

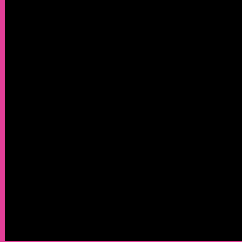
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 121.8830, 14.8477, 91.3106

## Background



This preview shows how black text looks on a background with the YUV color 121.8830, 14.8477, 91.3106.



This preview shows how white text looks on a background with the YUV color 121.8830, 14.8477, 91.3106.



# 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

121.8830, 14.8477, 91.3106

### Protanopia

128.4020, 33.8188, -20.5236

### Deuteranopia

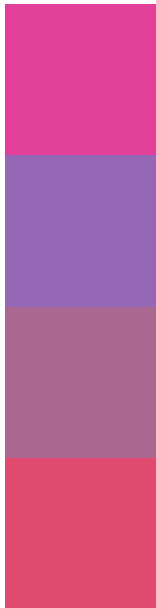
130.9280, 5.9515, 4.4481



## Tritanopia

123.4300, -18.4530, 85.5689

# Trichromacy



## Original Color

121.8830, 14.8477, 91.3106

## Protanomaly

126.2330, 27.0001, 19.9667

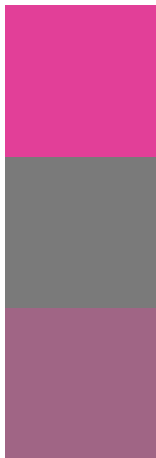
## Deuteranomaly

127.6360, 9.0535, 36.2762

## Tritanomaly

122.6550, -6.2389, 88.0026

# Monochromacy



## Original Color

121.8830, 14.8477, 91.3106

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

122.2890, 5.2805, 33.0725

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.8830, 14.8477, 91.3106 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(226, 63, 152)` looks like.

```
.text, #text, p{  
    color:rgb(226, 63, 152)  
}
```

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(226, 63, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 63, 152) }
```

## Border

The CSS property to change the border of an element to YUV 121.8830, 14.8477, 91.3106 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(226, 63, 152) }
```



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

```
.border{ border-color:rgb(226, 63, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 63, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 63, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 63, 152); box-shadow:4px 4px 4px 4px rgb(226, 63, 152) }
```

# Background

The CSS property to change the background color of an element to YUV 121.8830, 14.8477, 91.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 63, 152) }
```

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

```
.background{ background-color: rgb(226, 63,  
152) }
```

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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