

# Converting Colors

YUV(119.1880, 12.2323,  
90.1661)

Have a look what the booklet for  
YUV(119.1880, 12.2323, 90.1661)  
contains.

<b>YUV(119.1880, 12.2323, 90.1661)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(119.1880, 12.2323,  
90.1661)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE3E90
RGB	222, 62, 144
RGB Percent	87%, 24%, 56%
CMY	0.1294, 0.7569, 0.4353
CMYK	0.00, 0.72, 0.35, 0.13
HSL	329°, 71%, 56%
HSV	329°, 72%, 87%
XYZ	36.8809, 20.9885, 28.4929
YIQ	119.1880, 69.0380, 59.4220

# Conversions

## Conversions Part 2

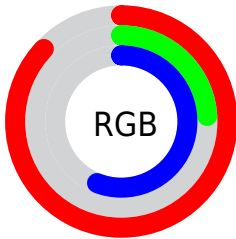
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 62, 144
Decimal	14565008
CIE Lab	52.94, 67.55, -9.07
CIE LCh	53, 68.155, 352.354
Yxy	20.9885, 0.4270, 0.2430
Android (android.graphics.Color)	4292755088 (0xFFDE3E90)
YUV	119.1880, 12.2323, 90.1661
Hunter-Lab	45.8132, 63.5244, -4.8054

# Details

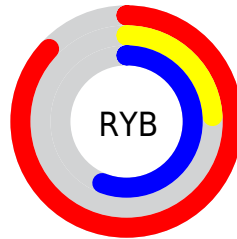
The YUV color **119.1880, 12.2323, 90.1661** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **164.8120, -12.2323, -90.1661**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.4310, 13.5915, 74.1670**, and **59.1540, 17.1791, 90.1959** is the 20% darker color. If you saturate the color by 10%, you get **105.0200, 13.7941, 102.5915**, and if you desaturate by 10%, it is **133.3560, 10.6705, 77.7408**.

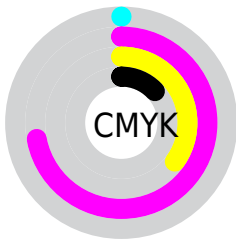
# Distribution



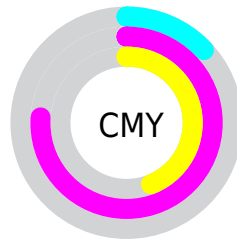
- Red (87%)
- Green (24%)
- Blue (56%)



- Red (87%)
- Yellow (24%)
- Blue (56%)



- Cyan (0%)
- Magenta (72%)
- Yellow (35%)
- Black (13%)




- Cyan (13%)
- Magenta (76%)
- Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 119.1880, 12.2323, 90.1661 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 119.1880, 12.2323, 90.1661 by changing the saturation by 10% instead.





 119.1880, 12.2323,  
90.1661


 119.1880, 12.2323,  
90.1661


255.0000, 0.0000,  
0.0000


 84.3610, 16.5840,  
94.3994


 170.4310, 13.5915,  
74.1670


 59.1540, 17.1791,  
90.1959

 190.6460, 17.4295,  
56.4385


 47.7470, 10.9707,  
74.7669


 210.8610, 21.2675,  
38.7099

 36.5680, 5.6360,  
59.1379

 227.9980, 13.3120,  
23.6808

 25.8020, 0.5906,  
44.0236

 245.6080, 4.6303,  
8.2368

 14.5800, -6.2019,  
29.3093

 0.0000, 0.0000,

0.0000

■ 119.1880, 12.2323,  
90.1661

■ 119.1880, 12.2323,  
90.1661

■ 105.0200, 13.7941,  
102.5915

■ 133.3560, 10.6705,  
77.7408

■ 90.8520, 15.3560,  
115.0168

■ 147.5240, 9.1087,  
65.3155

■ 79.3740, 17.0706,  
125.0830

■ 162.1650, 6.8207,  
52.4753

■ 176.3330, 5.2588,  
40.0500

■ 190.5010, 3.6970,  
27.6246

■ 204.6690, 2.1352,  
15.1993

■ 218.8370, 0.5734,  
2.7740

■ 233.5920, -1.2779,  
-10.1662

■ 243.5370, -1.2507,  
-18.8879

# Harmonies

## Analogous

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



128.4610, 34.7757, 46.0767



119.1880, 12.2323, 90.1661



116.7180, -15.1440, 97.5943

# Triad

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



119.1880, 12.2323, 90.1661



112.7220, -55.5719, -2.3872



112.4290, 52.5395, -98.6002

# Complementary

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



119.1880, 12.2323, 90.1661



164.8120, -12.2323, -90.1661

# 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.



109.0770, 29.5420, -95.6605



119.1880, 12.2323, 90.1661



92.0600, -21.7216, -79.8596

# Square

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



119.1880, 12.2323, 90.1661



119.1880, -58.7597, 40.1771



101.6500, 3.6236, -89.1470



108.7080, 66.2060, -95.3369



# Rectangle

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



119.1880, 12.2323, 90.1661



118.8910, -34.4563, 85.1646



101.6500, 3.6236, -89.1470



111.8930, 45.4088, -98.1302

# Sweetspot

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



119.1880, 12.2323, 90.1661



219.0500, 4.4124, 31.5282



103.2630, 58.5373, 31.3413



106.1040, 2.4137, 19.2028



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.



119.1880, 12.2323, 90.1661



114.2490, 16.6392, 123.4386



110.1820, -22.2747, 98.0644



104.9730, 0.9993, 6.1627



62.8840, 13.3682, 99.2027



17.2020, 3.8444, 27.0098



# Inverse Universe

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



119.1880, 12.2323, 90.1661



114.2490, 16.6392, 123.4386



173.8180, 22.2747, -98.0644



104.9730, 0.9993, 6.1627



62.8840, 13.3682, 99.2027



17.2020, 3.8444, 27.0098



# Previews

## White Background



This preview shows how the YUV color 119.1880, 12.2323, 90.1661 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

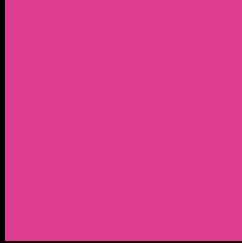
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 119.1880, 12.2323, 90.1661 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 119.1880, 12.2323, 90.1661 Background



This preview shows how black text looks on a background with the YUV color 119.1880, 12.2323, 90.1661.



This preview shows how white text looks on a background with the YUV color 119.1880, 12.2323, 90.1661.



# 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

119.1880, 12.2323, 90.1661

### Protanopia

126.3870, 29.8822, -17.8794

### Deuteranopia

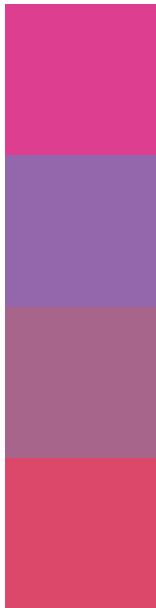
128.0700, 3.9095, 6.0776



## Tritanopia

120.4300, -18.4530, 85.5689

# Trichromacy



## Original Color

119.1880, 12.2323, 90.1661

## Protanomaly

123.6200, 23.3583, 21.3813

## Deuteranomaly

125.0660, 6.8695, 36.7761

## Tritanomaly

119.7150, -7.2545, 87.0729

# Monochromacy



## Original Color

119.1880, 12.2323, 90.1661

## Achromatopsia

119.0000, 0.0000, 0.0000

## Achromatomaly

118.7620, 4.5543, 32.6577

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 119.1880, 12.2323, 90.1661 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(222, 62, 144)` looks like.

```
.text, #text, p{  
    color:rgb(222, 62, 144)  
}
```

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(222, 62, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 62, 144) }
```

## Border

The CSS property to change the border of an element to YUV 119.1880, 12.2323, 90.1661 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(222, 62, 144) }
```



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

```
.border{ border-color:rgb(222, 62, 144) }
```

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

Here you see how a box with a 4 pixel rgb(222, 62, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 62, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 62, 144);  
box-shadow:4px 4px 4px 4px rgb(222, 62,  
144) }
```

# Background

The CSS property to change the background color of an element to YUV 119.1880, 12.2323, 90.1661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 62, 144) }
```

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

```
.background{ background-color: rgb(222, 62,  
144) }
```

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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