

# Converting Colors

YUV(124.5790, 9.0816, 74.0372)

Have a look what the booklet for  
YUV(124.5790, 9.0816, 74.0372)  
contains.

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# Color

**YUV(124.5790, 9.0816,  
74.0372)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D14E8F
RGB	209, 78, 143
RGB Percent	82%, 31%, 56%
CMY	0.1804, 0.6941, 0.4392
CMYK	0.00, 0.63, 0.32, 0.18
HSL	330°, 59%, 56%
HSV	330°, 63%, 82%
XYZ	33.9768, 20.9873, 28.2468
YIQ	124.5790, 57.2110, 47.9870

# Conversions

## Conversions Part 2

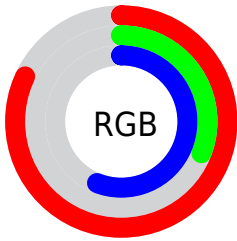
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 78, 143
Decimal	13717135
CIE <sub>Lab</sub>	52.94, 57.72, -8.70
CIE <sub>LCh</sub>	53, 58.372, 351.427
Yxy	20.9873, 0.4083, 0.2522
Android (android.graphics.Color)	4291907215 (0xFFD14E8F)
YUV	124.5790, 9.0816, 74.0372
Hunter-Lab	45.8119, 52.2155, -4.4889

# Details

The YUV color **124.5790, 9.0816, 74.0372** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **162.4210, -9.0816, -74.0372**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.3610, 9.6820, 68.0894**, and **60.4470, 16.0486, 79.4150** is the 20% darker color. If you saturate the color by 10%, you get **110.9980, 10.3540, 85.9478**, and if you desaturate by 10%, it is **138.1600, 7.8091, 62.1267**.

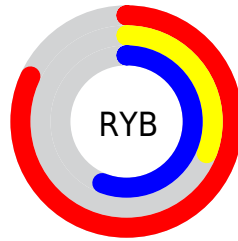
# Distribution



Red (82%)

Green (31%)

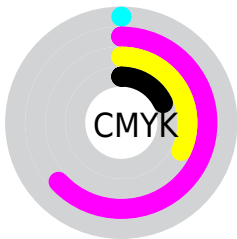
Blue (56%)



Red (82%)

Yellow (31%)

Blue (56%)

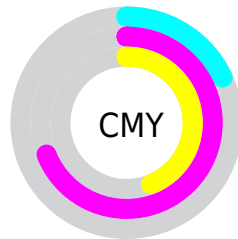


Cyan (0%)

Magenta (63%)

Yellow (32%)

Black (18%)



Cyan (18%)

Magenta (69%)


Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 124.5790, 9.0816, 74.0372 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 124.5790, 9.0816, 74.0372 by changing the saturation by 10% instead.





 124.5790, 9.0816,  
74.0372


 124.5790, 9.0816,  
74.0372


255.0000, 0.0000,  
0.0000


 95.9210, 10.3919,  
73.7373


 177.3610, 9.6820,  
68.0894


 60.4470, 16.0486,  
79.4150


 196.9890, 13.8094,  
50.8756

 44.3440, 12.1554,  
68.1043


 216.6170, 17.9368,  
33.6619

 33.4640, 6.6732,  
53.0901

 233.8680, 10.4181,  
18.5328

 23.1110, 1.9173,  
38.4907

 251.4780, 1.7363,  
3.0888

 12.0740, -5.4595,  
24.4911

 0.0000, 0.0000,

0.0000

■ 124.5790, 9.0816,  
74.0372

■ 124.5790, 9.0816,  
74.0372

■ 110.9980, 10.3540,  
85.9478

■ 138.1600, 7.8091,  
62.1267

■ 97.5310, 12.0632,  
97.7583

■ 151.6270, 6.0999,  
50.3161

■ 83.9500, 13.3357,  
109.6689

■ 165.2080, 4.8275,  
38.4056

■ 74.3470, 14.6189,  
118.0907

■ 178.6750, 3.1182,  
26.5950

■ 192.2560, 1.8458,  
14.6845

■ 205.1360, 0.4260,  
3.3887

■ 218.7170, -0.8465,  
-8.5218

■ 232.1840, -2.5557,  
-20.3324

■ 239.3080, -0.6448,  
-26.5801

# Harmonies

## Analogous

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



129.7390, 29.7087, 37.9399



124.5790, 9.0816, 74.0372



121.5590, -14.0796, 82.8248

# Triad

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



124.5790, 9.0816, 74.0372



115.6390, -49.6150, 0.3166



108.9580, 46.8557, -95.5562

# Complementary

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



124.5790, 9.0816, 74.0372



162.4210, -9.0816, -74.0372

# 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.



106.5180, 27.3526, -93.4163



124.5790, 9.0816, 74.0372



106.3180, -22.8348, -49.3909

# Square

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



124.5790, 9.0816, 74.0372



119.3880, -55.4073, 38.2477



100.0030, 4.9285, -87.7026



105.5960, 59.3592, -92.6077



# Rectangle

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



124.5790, 9.0816, 74.0372



122.0790, -29.6189, 73.5987



100.0030, 4.9285, -87.7026



108.7640, 41.0353, -95.3860

# Sweetspot

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



124.5790, 9.0816, 74.0372



224.0880, 3.4076, 27.1098



112.6680, 47.4917, 27.4782



108.6800, 2.1298, 16.9436



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.



124.5790, 9.0816, 74.0372



131.9390, 13.3411, 107.9245



117.1690, -19.3103, 80.5358



97.8590, 0.5625, 6.2627



59.8080, 11.9267, 94.8844



14.5390, 2.6923, 23.2063



# Inverse Universe

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



124.5790, 9.0816, 74.0372



131.9390, 13.3411, 107.9245



169.8310, 19.3103, -80.5358



97.8590, 0.5625, 6.2627



59.8080, 11.9267, 94.8844



14.5390, 2.6923, 23.2063



# Previews

## White Background



This preview shows how the YUV color 124.5790, 9.0816, 74.0372 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

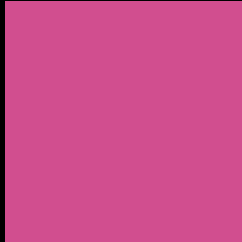
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 124.5790, 9.0816, 74.0372 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

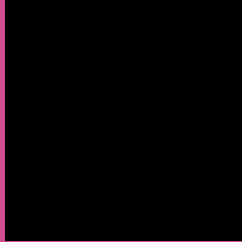
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 124.5790, 9.0816, 74.0372

## Background



This preview shows how black text looks on a background with the YUV color 124.5790, 9.0816, 74.0372.



This preview shows how white text looks on a background with the YUV color 124.5790, 9.0816,



# 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

124.5790, 9.0816, 74.0372

### Protanopia

126.8130, 23.7562, -12.9910

### Deuteranopia

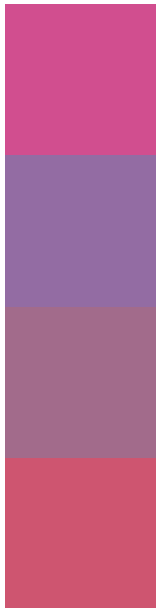
128.0700, 3.9095, 6.0776



## Tritanopia

124.3680, -14.4784, 70.7143

# Trichromacy



## Original Color

124.5790, 9.0816, 74.0372

## Protanomaly

125.9310, 18.2750, 18.4775

## Deuteranomaly

127.0930, 5.8702, 30.6134

## Tritanomaly

124.2570, -6.0427, 71.6886

# Monochromacy



## Original Color

124.5790, 9.0816, 74.0372

## Achromatopsia

125.0000, 0.0000, 0.0000

## Achromatomaly

125.0880, 3.4076, 27.1098

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 124.5790, 9.0816, 74.0372 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(209, 78, 143)` looks like.

```
.text, #text, p{  
    color:rgb(209, 78, 143)  
}
```

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(209, 78, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 78, 143) }
```

## Border

The CSS property to change the border of an element to YUV 124.5790, 9.0816, 74.0372 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(209, 78, 143) }
```



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

```
.border{ border-color:rgb(209, 78, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 78, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 78, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 78, 143); box-shadow:4px 4px 4px 4px rgb(209, 78, 143) }
```

# Background

The CSS property to change the background color of an element to YUV 124.5790, 9.0816, 74.0372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 78, 143) }
```

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

```
.background{ background-color: rgb(209, 78,  
143) }
```

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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