

# Converting Colors

YUV(99.7070, 4.5814, 23.9360)

Have a look what the booklet for  
YUV(99.7070, 4.5814, 23.9360)  
contains.

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# Color

**YUV(99.7070, 4.5814,  
23.9360)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F546D
RGB	127, 84, 109
RGB Percent	50%, 33%, 43%
CMY	0.5020, 0.6706, 0.5725
CMYK	0.00, 0.34, 0.14, 0.50
HSL	325°, 20%, 41%
HSV	325°, 34%, 50%
XYZ	14.6830, 11.9568, 16.0020
YIQ	99.7070, 17.6030, 16.8910

# Conversions

## Conversions Part 2

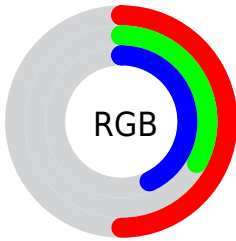
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 84, 109
Decimal	8344685
CIE <sub>Lab</sub>	41.15, 21.96, -7.01
CIE <sub>LCh</sub>	41, 23.053, 342.286
Yxy	11.9568, 0.3443, 0.2804
Android (android.graphics.Color)	4286534765 (0xFF7F546D)
YUV	99.7070, 4.5814, 23.9360
Hunter-Lab	34.5786, 15.2835, -3.2327

# Details

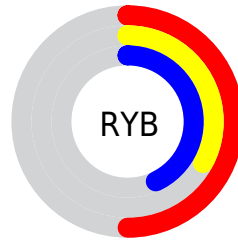
The YUV color **99.7070, 4.5814, 23.9360** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **111.2930, -4.5814, -23.9360**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.7180, 4.5760, 25.6803**, and **52.3970, 4.7343, 21.5768** is the 20% darker color. If you saturate the color by 10%, you get **91.5060, 6.1595, 31.1282**, and if you desaturate by 10%, it is **107.9080, 3.0034, 16.7437**.

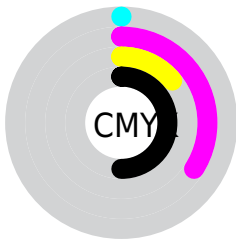
# Distribution



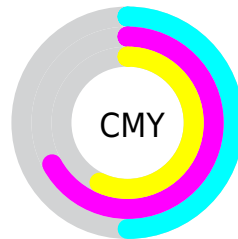
- Red (50%)
- Green (33%)
- Blue (43%)



- Red (50%)
- Yellow (33%)
- Blue (43%)



- Cyan (0%)
- Magenta (34%)
- Yellow (14%)
- Black (50%)



- Cyan (50%)
- Magenta (67%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 99.7070, 4.5814, 23.9360 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 99.7070, 4.5814, 23.9360 by changing the saturation by 10% instead.



■ 99.7070, 4.5814,  
23.9360

■ 99.7070, 4.5814,  
23.9360

■ 255.0000, 0.0000,  
0.0000

■ 75.1090, 4.8763,  
22.7064

■ 150.7180, 4.5760,  
25.6803

■ 52.3970, 4.7343,  
21.5768

■ 178.0170, 4.4286,  
26.2951

■ 29.7990, 5.0291,  
20.3473

■ 205.7290, 4.5706,  
27.4247

■ 12.4460, 3.7241,  
18.9029

■ 230.8530, 6.4815,  
21.1769

■ 0.0000, 0.0000,  
0.0000

■ 248.5430, 3.1833,  
5.6628

■ 99.7070, 4.5814,  
23.9360

■ 99.7070, 4.5814,  
23.9360

■ 91.5060, 6.1595,  
31.1282

■ 107.9080, 3.0034,  
16.7437

■ 83.7780, 7.0114,  
37.9057

■ 115.6360, 2.1515,  
9.9662

■ 75.5770, 8.5895,  
45.0980

■ 123.8370, 0.5734,  
2.7740

■ 67.3760, 10.1676,  
52.2902

■ 132.0380, -1.0047,  
-4.4183

■ 59.0610, 11.3089,  
59.5825

■ 139.7660, -1.8566,  
-11.1958

■ 51.4470, 12.5976,  
66.2600

■ 147.9670, -3.4347,  
-18.3881

■ 46.4090, 13.6024,  
70.6783

■ 156.1680, -5.0128,  
-25.5803

■ 164.4830, -6.1541,

-32.8726

■ 172.0970, -7.4428,  
-39.5501

# Harmonies

## Analogous

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



99.0840, 12.7766, 8.6963



99.7070, 4.5814, 23.9360



99.0470, -4.4602, 30.6538

# Triad

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



99.7070, 4.5814, 23.9360



94.8640, -17.1880, 6.2583



84.8010, 18.3391, -48.9375

# Complementary

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



99.7070, 4.5814, 23.9360



111.2930, -4.5814, -23.9360

# 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.



85.4290, 9.1555, -43.3492



99.7070, 4.5814, 23.9360



92.4320, -12.0450, -10.0259

# Square

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



99.7070, 4.5814, 23.9360



96.8380, -17.6681, 20.3131



89.2540, -2.0972, -27.4098



90.8830, 20.7637, -33.2234



# Rectangle

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



99.7070, 4.5814, 23.9360



97.9670, -9.8437, 30.7239



89.2540, -2.0972, -27.4098



84.5190, 16.0131, -49.5672

# Sweetspot

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



99.7070, 4.5814, 23.9360



155.2230, 1.8621, 9.4514



94.2840, 16.1290, 6.7669



77.6740, 1.1467, 5.5479



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



99.7070, 4.5814, 23.9360



122.7780, 7.0114, 37.9057



97.3130, -4.5913, 26.0355



59.5490, 0.7153, 3.9035



46.7080, 13.4550, 71.2931



0.0000, 0.0000, 0.0000



# Inverse Universe

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



99.7070, 4.5814, 23.9360



122.7780, 7.0114, 37.9057



113.6870, 4.5913, -26.0355



59.5490, 0.7153, 3.9035



46.7080, 13.4550, 71.2931

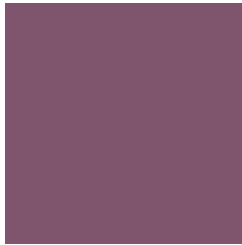


0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 99.7070, 4.5814, 23.9360 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

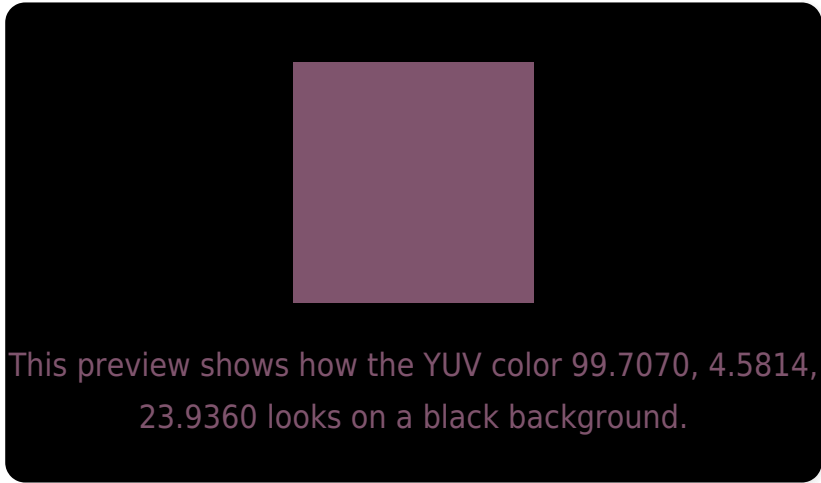
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black 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

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

# YUV 99.7070, 4.5814, 23.9360

## Background



This preview shows how black text looks on a background with the YUV color 99.7070, 4.5814, 23.9360.



This preview shows how white text looks on a background with the YUV color 99.7070, 4.5814,

23.9360.

# 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

99.7070, 4.5814, 23.9360

### Protanopia

97.4970, 9.6150, -3.9439

### Deuteranopia

98.4610, 4.2097, 3.1037



## Tritanopia

99.0460, -2.9807, 22.7617

# Trichromacy



## Original Color

99.7070, 4.5814, 23.9360

## Protanomaly

98.3950, 7.6933, 5.7926

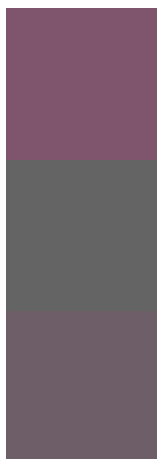
## Deuteranomaly

98.9180, 4.4774, 10.5959

## Tritanomaly

99.4420, -0.2179, 23.2914

# Monochromacy



## Original Color

99.7070, 4.5814, 23.9360

## Achromatopsia

100.0000, 0.0000, 0.0000

## Achromatomaly

99.8100, 1.5727, 8.9366

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 99.7070, 4.5814, 23.9360 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(127, 84, 109)` looks like.

```
.text, #text, p{  
    color:rgb(127, 84, 109)  
}
```

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(127, 84, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 84, 109) }
```

## Border

The CSS property to change the border of an element to YUV 99.7070, 4.5814, 23.9360 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(127, 84, 109) }
```



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

```
.border{ border-color:rgb(127, 84, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 84, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 84, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 84, 109); box-shadow:4px 4px 4px 4px rgb(127, 84, 109) }
```

# Background

The CSS property to change the background color of an element to YUV 99.7070, 4.5814, 23.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 84, 109) }
```

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

```
.background{ background-color: rgb(127, 84,  
109) }
```

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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