

# Converting Colors

YUV(97.8700, 4.0081, 21.1620)

Have a look what the booklet for  
YUV(97.8700, 4.0081, 21.1620)  
contains.

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# Color

**YUV(97.8700, 4.0081,  
21.1620)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A546A
RGB	122, 84, 106
RGB Percent	48%, 33%, 42%
CMY	0.5216, 0.6706, 0.5843
CMYK	0.00, 0.31, 0.13, 0.52
HSL	325°, 18%, 40%
HSV	325°, 31%, 48%
XYZ	13.7979, 11.5188, 15.1318
YIQ	97.8700, 15.5860, 14.8980

# Conversions

## Conversions Part 2

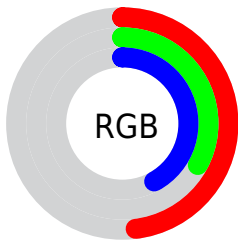
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 84, 106
Decimal	8017002
CIE Lab	40.44, 19.50, -6.28
CIE LCh	40, 20.489, 342.141
Yxy	11.5188, 0.3411, 0.2848
Android (android.graphics.Color)	4286207082 (0xFF7A546A)
YUV	97.8700, 4.0081, 21.1620
Hunter-Lab	33.9394, 13.1743, -2.6767

# Details

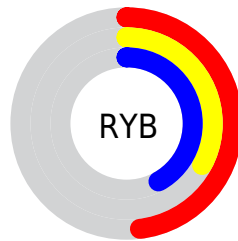
The YUV color **97.8700, 4.0081, 21.1620** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **108.1300, -4.0081, -21.1620**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8810, 4.0027, 22.9064**, and **50.5600, 4.1609, 18.8029** is the 20% darker color. If you saturate the color by 10%, you get **90.2560, 5.2968, 27.8395**, and if you desaturate by 10%, it is **105.4840, 2.7194, 14.4845**.

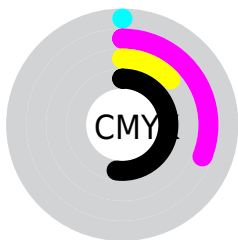
# Distribution



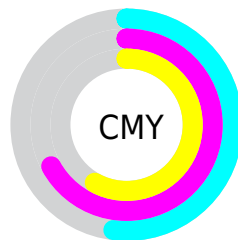
- Red (48%)
- Green (33%)
- Blue (42%)



- Red (48%)
- Yellow (33%)
- Blue (42%)



- Cyan (0%)
- Magenta (31%)
- Yellow (13%)
- Black (52%)




- Cyan (52%)
- Magenta (67%)
- Yellow (58%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 97.8700, 4.0081, 21.1620 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 97.8700, 4.0081, 21.1620 by changing the saturation by 10% instead.





 97.8700, 4.0081,  
21.1620

 97.8700, 4.0081,  
21.1620


255.0000, 0.0000,  
0.0000


 73.5710, 4.1555,  
20.5472


 148.8810, 4.0027,  
22.9064


 50.5600, 4.1609,  
18.8029

 175.5930, 4.1447,  
24.0359

 28.8480, 4.0189,  
17.6733

 203.0060, 4.4340,  
24.5507

 11.2070, 2.8559,  
17.3585

 229.8100, 5.0237,  
22.0916

 0.0000, 0.0000,  
0.0000

 248.5430, 3.1833,  
5.6628

97.8700, 4.0081,  
21.1620

97.8700, 4.0081,  
21.1620

90.2560, 5.2968,  
27.8395

105.4840, 2.7194,  
14.4845

82.6420, 6.5855,  
34.5170

113.0980, 1.4307,  
7.8071

74.4410, 8.1636,  
41.7092

121.2990, -0.1474,  
0.6148

66.7130, 9.0155,  
48.4867

129.0270, -0.9993,  
-6.1627

59.0990, 10.3042,  
55.1642

136.6410, -2.2880,  
-12.8402

51.4850, 11.5929,  
61.8417

144.2550, -3.5767,  
-19.5176

44.5720, 13.0290,  
67.9044

151.8690, -4.8654,  
-26.1951

160.0700, -6.4435,

-33.3874

■ 167.6840, -7.7322,  
-40.0649

# Harmonies

## Analogous

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



97.6170, 11.0348, 7.3519



97.8700, 4.0081, 21.1620



97.4380, -4.1599, 27.6799

# Triad

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



97.8700, 4.0081, 21.1620



93.3200, -15.4408, 5.8584



86.0580, 15.2544, -39.5159

# Complementary

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



97.8700, 4.0081, 21.1620



108.1300, -4.0081, -21.1620

# 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.



86.7180, 7.5340, -36.5867



97.8700, 4.0081, 21.1620



91.7850, -10.7400, -8.5814

# Square

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



97.8700, 4.0081, 21.1620



95.3970, -15.4787, 18.0688



89.2760, -2.1081, -23.9211



90.5200, 17.9846, -28.5200



# Rectangle

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



97.8700, 4.0081, 21.1620



96.4720, -9.1067, 27.6501



89.2760, -2.1081, -23.9211



85.8900, 13.3652, -40.2455

# Sweetspot

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



97.8700, 4.0081, 21.1620



149.0980, 1.4307, 7.8071



93.1160, 14.2398, 6.0373



73.2610, 0.8573, 5.0331



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000



# Same Dimension

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



97.8700, 4.0081, 21.1620



121.1040, 5.8647, 32.3578



95.7040, -4.2911, 23.0616



57.2500, 0.8628, 3.2887



45.5830, 13.0236, 69.6487



91.9920, 26.6259, 140.3270



# Inverse Universe

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



97.8700, 4.0081, 21.1620



121.1040, 5.8647, 32.3578



110.2960, 4.2911, -23.0616



57.2500, 0.8628, 3.2887



45.5830, 13.0236, 69.6487

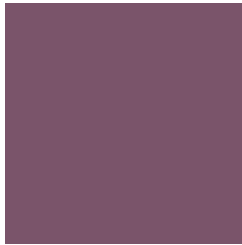


91.9920, 26.6259, 140.3270



# Previews

## White Background



This preview shows how the YUV color 97.8700, 4.0081, 21.1620 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

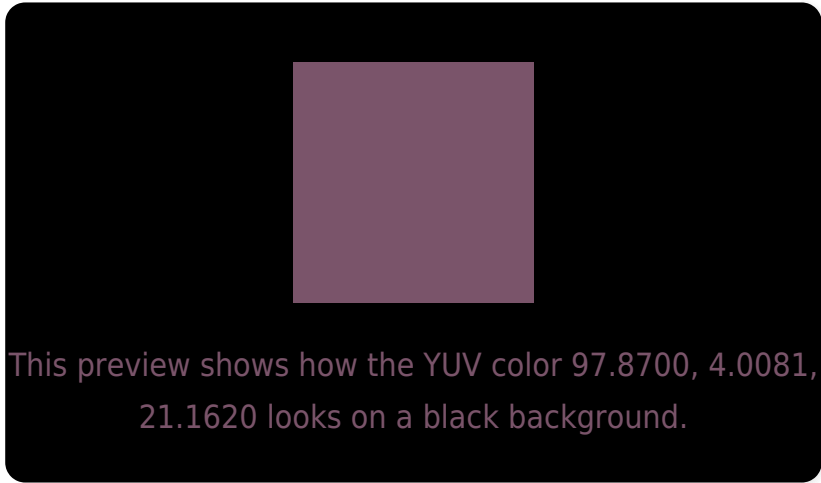
Any Text WCAG AA ✓ Pass

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

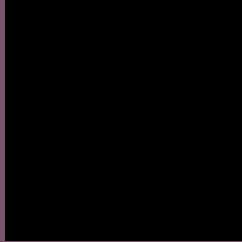
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 97.8700, 4.0081, 21.1620

## Background



This preview shows how black text looks on a background with the YUV color 97.8700, 4.0081, 21.1620.



This preview shows how white text looks on a background with the YUV color 97.8700, 4.0081,



# 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

97.8700, 4.0081, 21.1620

### Protanopia

96.1550, 8.3046, -3.6439

### Deuteranopia

96.6460, 3.6255, 3.8185



## Tritanopia

96.9640, -1.9543, 20.2026

# Trichromacy



## Original Color

97.8700, 4.0081, 21.1620

## Protanomaly

96.7540, 6.5303, 5.4777

## Deuteranomaly

97.3910, 3.7512, 10.1811

## Tritanomaly

97.2460, 0.3717, 20.8323

# Monochromacy



## Original Color

97.8700, 4.0081, 21.1620

## Achromatopsia

98.0000, 0.0000, 0.0000

## Achromatomaly

98.0980, 1.4307, 7.8071

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 97.8700, 4.0081, 21.1620 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(122, 84, 106)` looks like.

```
.text, #text, p{  
    color:rgb(122, 84, 106)  
}
```

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(122, 84, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 84, 106) }
```

## Border

The CSS property to change the border of an element to YUV 97.8700, 4.0081, 21.1620 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(122, 84, 106) }
```



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

```
.border{ border-color:rgb(122, 84, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 84, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 84, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 84, 106);  
box-shadow:4px 4px 4px 4px rgb(122, 84,  
106) }
```

# Background

The CSS property to change the background color of an element to YUV 97.8700, 4.0081, 21.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 84, 106) }
```

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

```
.background{ background-color: rgb(122, 84,  
106) }
```

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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