

# Converting Colors

YUV(97.5370, 9.1023, 20.5771)

Have a look what the booklet for  
YUV(97.5370, 9.1023, 20.5771)  
contains.

<b>YUV(97.5370, 9.1023, 20.5771)</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(97.5370, 9.1023,  
20.5771)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	795274
RGB	121, 82, 116
RGB Percent	47%, 32%, 45%
CMY	0.5255, 0.6784, 0.5451
CMYK	0.00, 0.32, 0.04, 0.53
HSL	308°, 19%, 40%
HSV	308°, 32%, 47%
XYZ	14.0548, 11.3605, 17.9750
YIQ	97.5370, 12.3300, 18.8420

# Conversions

## Conversions Part 2

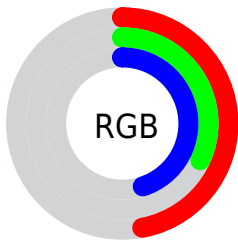
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 82, 116
Decimal	7950964
CIE <sub>Lab</sub>	40.18, 22.24, -12.85
CIE <sub>LCh</sub>	40, 25.688, 329.982
Yxy	11.3605, 0.3239, 0.2618
Android (android.graphics.Color)	4286141044 (0xFF795274)
YUV	97.5370, 9.1023, 20.5771
Hunter-Lab	33.7053, 15.4487, -8.0256

# Details

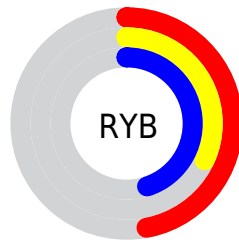
The YUV color **97.5370, 9.1023, 20.5771** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **105.4630, -9.1023, -20.5771**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.6620, 9.5336, 22.2214**, and **50.1130, 8.8183, 18.3179** is the 20% darker color. If you saturate the color by 10%, you get **90.2650, 11.7014, 26.9546**, and if you desaturate by 10%, it is **104.8090, 6.5032, 14.1995**.

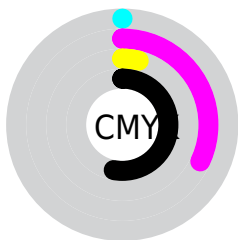
# Distribution



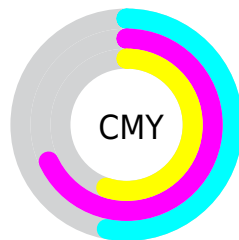
- Red (47%)
- Green (32%)
- Blue (45%)



- Red (47%)
- Yellow (32%)
- Blue (45%)



- Cyan (0%)
- Magenta (32%)
- Yellow (4%)
- Black (53%)




- Cyan (53%)
- Magenta (68%)
- Yellow (55%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 97.5370, 9.1023, 20.5771 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 97.5370, 9.1023, 20.5771 by changing the saturation by 10% instead.




 97.5370, 9.1023,  
20.5771

 97.5370, 9.1023,  
20.5771

255.0000, 0.0000,  
0.0000

 73.1240, 8.8129,  
20.0623


 148.6620, 9.5336,  
22.2214


 50.1130, 8.8183,  
18.3179

 175.3740, 9.6756,  
23.3510

 27.7000, 8.5289,  
17.8031

 202.7870, 9.9650,  
23.8658

 11.8200, 6.4977,  
15.9439

 230.0040, 10.8440,  
21.9215

 0.0000, 0.0000,  
0.0000

 247.3690, 3.7621,  
6.6924

97.5370, 9.1023,  
20.5771

97.5370, 9.1023,  
20.5771

90.2650, 11.7014,  
26.9546

104.8090, 6.5032,  
14.1995

83.1070, 14.7372,  
33.2322

111.9670, 3.4673,  
7.9219

75.8350, 17.3363,  
39.6097

119.2390, 0.8682,  
1.5444

68.6770, 20.3722,  
45.8873

126.3970, -2.1677,  
-4.7332

61.4050, 22.9713,  
52.2648

133.6690, -4.7668,  
-11.1107

53.6600, 26.2966,  
59.0572


141.4140, -8.0921,  
-17.9031

48.1490, 28.0275,  
63.8903

148.6860,  
-10.6912, -24.2806

155.8440,

-13.7271, -30.5582

 163.1160,  
-16.3262, -36.9357

# Harmonies

## Analogous

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



96.1800, 17.1663, 0.7191



97.5370, 9.1023, 20.5771



96.7960, -0.3924, 32.6279

# Triad

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



97.5370, 9.1023, 20.5771



92.8110, -20.1198, 13.3208



74.7450, 19.8457, -65.5514

# Complementary

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



97.5370, 9.1023, 20.5771



105.4630, -9.1023, -20.5771

# 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.



82.2070, 5.8139, -44.9085



97.5370, 9.1023, 20.5771



91.3250, -16.4292, -3.7930

# Square

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



97.5370, 9.1023, 20.5771



94.5830, -17.5424, 26.6757



87.6090, -7.2022, -23.3361



81.2720, 24.0229, -51.9815



# Rectangle

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



97.5370, 9.1023, 20.5771



96.2710, -7.5286, 34.8423



87.6090, -7.2022, -23.3361



75.1320, 16.2039, -64.1368

# Sweetspot

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



97.5370, 9.1023, 20.5771



148.3800, 3.7567, 8.4367



87.9410, 16.2981, -0.8253



73.6030, 2.1677, 4.7332



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.



97.5370, 9.1023, 20.5771



120.6940, 14.4479, 32.7174



95.3710, 0.8031, 22.4766



57.3640, 1.2995, 3.1888



49.8010, 29.1851, 65.9495



100.4280, 58.9490, 132.9286



# Inverse Universe

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



97.5370, 9.1023, 20.5771



120.6940, 14.4479, 32.7174



107.6290, -0.8031, -22.4766



57.3640, 1.2995, 3.1888



49.8010, 29.1851, 65.9495

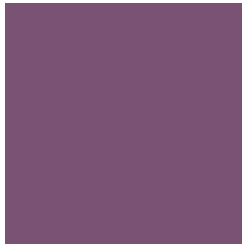


100.4280, 58.9490, 132.9286



# Previews

## White Background



This preview shows how the YUV color 97.5370, 9.1023, 20.5771 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

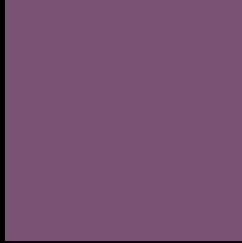
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 97.5370, 9.1023, 20.5771 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

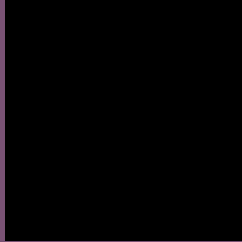
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 97.5370, 9.1023, 20.5771

## Background



This preview shows how black text looks on a background with the YUV color 97.5370, 9.1023, 20.5771.



This preview shows how white text looks on a background with the YUV color 97.5370, 9.1023,



# 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

97.5370, 9.1023, 20.5771

### Protanopia

95.3270, 14.1358, -7.3028

### Deuteranopia

95.9920, 8.8779, -0.8700



## Tritanopia

96.3660, -1.6594, 18.9730

# Trichromacy



## Original Color

97.5370, 9.1023, 20.5771

## Protanomaly

96.2250, 12.2141, 2.4337

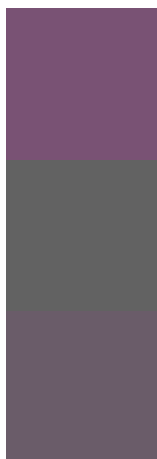
## Deuteranomaly

96.4490, 9.1456, 6.6222

## Tritanomaly

96.9900, 1.9769, 19.3028

# Monochromacy



## Original Color

97.5370, 9.1023, 20.5771

## Achromatopsia

98.0000, 0.0000, 0.0000

## Achromatomaly

97.6680, 3.6147, 7.3072

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 97.5370, 9.1023, 20.5771 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(121, 82, 116)` looks like.

```
.text, #text, p{  
    color:rgb(121, 82, 116)  
}
```

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(121, 82, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 82, 116) }
```

## Border

The CSS property to change the border of an element to YUV 97.5370, 9.1023, 20.5771 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(121, 82, 116) }
```



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

```
.border{ border-color:rgb(121, 82, 116) }
```

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

Here you see how a box with a 4 pixel rgb(121, 82, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 82, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 82, 116);  
box-shadow:4px 4px 4px 4px rgb(121, 82,  
116) }
```

# Background

The CSS property to change the background color of an element to YUV 97.5370, 9.1023, 20.5771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 82, 116) }
```

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

```
.background{ background-color: rgb(121, 82,  
116) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor