

Converting Colors

YUV(97.9410, 2.9871, 21.9767)

Have a look what the booklet for
YUV(97.9410, 2.9871, 21.9767)
contains.

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Color

**YUV(97.9410, 2.9871,
21.9767)**

Conversions

Conversions Part 1

Format	Color
Hex	7B5468
RGB	123, 84, 104
RGB Percent	48%, 33%, 41%
CMY	0.5176, 0.6706, 0.5922
CMYK	0.00, 0.32, 0.15, 0.52
HSL	329°, 19%, 41%
HSV	329°, 32%, 48%
XYZ	13.8374, 11.5511, 14.5970
YIQ	97.9410, 16.8240, 14.4880

Conversions

Conversions Part 2

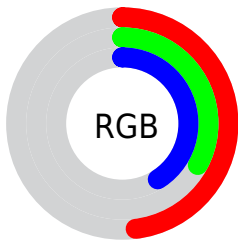
Format	Color
R_{YB}	123, 84, 104
Decimal	8082536
CIE Lab	40.49, 19.53, -4.96
CIE LCh	40, 20.145, 345.754
Yxy	11.5511, 0.3461, 0.2889
Android (android.graphics.Color)	4286272616 (0xFF7B5468)
YUV	97.9410, 2.9871, 21.9767
Hunter-Lab	33.9869, 13.1973, -1.6736

Details

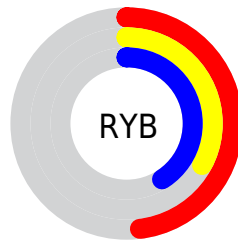
The YUV color **97.9410, 2.9871, 21.9767** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **109.0590, -2.9871, -21.9767**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.9520, 2.9817, 23.7211**, and **50.6310, 3.1399, 19.6176** is the 20% darker color. If you saturate the color by 10%, you get **90.2130, 3.8390, 28.7542**, and if you desaturate by 10%, it is **105.6690, 2.1352, 15.1993**.

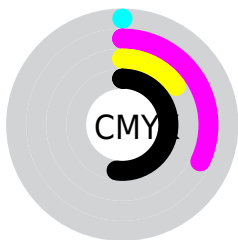
Distribution



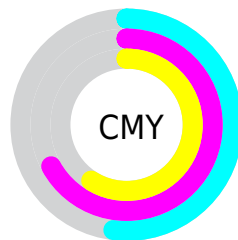
- Red (48%)
- Green (33%)
- Blue (41%)



- Red (48%)
- Yellow (33%)
- Blue (41%)



- Cyan (0%)
- Magenta (32%)
- Yellow (15%)
- Black (52%)



- Cyan (52%)
- Magenta (67%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.9410, 2.9871, 21.9767 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 97.9410, 2.9871, 21.9767 by changing the saturation by 10% instead.

■ 97.9410, 2.9871,
21.9767

■ 97.9410, 2.9871,
21.9767

■ 255.0000, 0.0000,
0.0000

■ 73.6420, 3.1345,
21.3620

■ 148.9520, 2.9817,
23.7211

■ 50.6310, 3.1399,
19.6176

■ 175.6640, 3.1236,
24.8507

■ 29.0330, 3.4347,
18.3881

■ 202.9630, 2.9762,
25.4654

■ 11.1640, 1.3981,
18.2732

■ 229.5820, 4.1501,
22.2916

■ 0.0000, 0.0000,
0.0000

■ 248.5430, 3.1833,
5.6628

97.9410, 2.9871,
21.9767

97.9410, 2.9871,
21.9767

90.2130, 3.8390,
28.7542

105.6690, 2.1352,
15.1993

81.8980, 4.9803,
36.0465

113.9840, 0.9939,
7.9070

74.1700, 5.8322,
42.8239

121.7120, 0.1420,
1.1296

66.4420, 6.6841,
49.6014

129.4400, -0.7099,
-5.6479

58.7140, 7.5360,
56.3788

137.7550, -1.8512,
-12.9401

50.3990, 8.6773,
63.6711

145.4830, -2.7031,
-19.7176

43.9590, 9.3872,
69.3190

153.2110, -3.5550,
-26.4950

160.9390, -4.4069,

-33.2725

■ 169.2540, -5.5482,
-40.5648

Harmonies

Analogous

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



97.5140, 10.5926, 9.1962



97.9410, 2.9871, 21.9767



96.9110, -4.8861, 27.2651

Triad

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



97.9410, 2.9871, 21.9767



93.4230, -14.9985, 4.0140



87.0690, 15.2490, -37.7715

Complementary

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



97.9410, 2.9871, 21.9767



109.0590, -2.9871, -21.9767

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.



86.9460, 8.4076, -36.7866



97.9410, 2.9871, 21.9767



91.4150, -9.5716, -10.0110

Square

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



97.9410, 2.9871, 21.9767



95.3860, -15.4733, 16.3245



88.9060, -0.9397, -25.3506



91.1290, 17.6844, -25.5461

Rectangle

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



97.9410, 2.9871, 21.9767



96.6460, -9.6855, 26.6205



88.9060, -0.9397, -25.3506



86.6020, 13.5072, -39.1160

Sweetspot

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



97.9410, 2.9871, 21.9767



150.6960, 1.1359, 9.0366



94.1270, 14.2344, 7.7816



75.5600, 0.7099, 5.6479



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



97.9410, 2.9871, 21.9767



121.7730, 4.5489, 34.4021



95.7750, -5.3121, 23.8763



57.1360, 0.4260, 3.3887



44.6710, 9.5292, 70.4485



90.0540, 19.2004, 142.0266

Inverse Universe

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



97.9410, 2.9871, 21.9767



121.7730, 4.5489, 34.4021



111.2250, 5.3121, -23.8763



57.1360, 0.4260, 3.3887



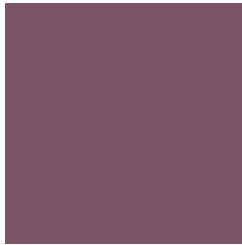
44.6710, 9.5292, 70.4485



90.0540, 19.2004, 142.0266

Previews

White Background



This preview shows how the YUV color 97.9410, 2.9871, 21.9767 looks on a white background.

Color Contrast Check

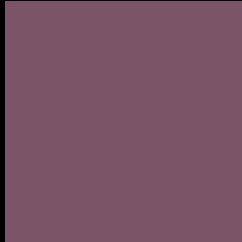
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.9410, 2.9871, 21.9767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

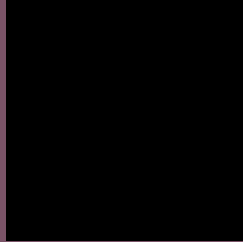
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.9410, 2.9871, 21.9767

Background



This preview shows how black text looks on a background with the YUV color 97.9410, 2.9871, 21.9767.



This preview shows how white text looks on a background with the YUV color 97.9410, 2.9871,

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

97.9410, 2.9871, 21.9767

Protanopia

96.2260, 7.2836, -2.8292

Deuteranopia

96.7170, 2.6045, 4.6332



Tritanopia

97.5620, -2.2491, 21.4321

Trichromacy



Original Color

97.9410, 2.9871, 21.9767

Protanomaly

96.8250, 5.5093, 6.2925

Deuteranomaly

97.4620, 2.7302, 10.9958

Tritanomaly

97.4310, -0.2125, 21.5470

Monochromacy



Original Color

97.9410, 2.9871, 21.9767

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.9840, 0.9939, 7.9070

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.9410, 2.9871, 21.9767 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(123, 84, 104)` looks like.

```
.text, #text, p{  
    color:rgb(123, 84, 104)  
}
```

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(123, 84, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 84, 104) }
```

Border

The CSS property to change the border of an element to YUV 97.9410, 2.9871, 21.9767 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(123, 84, 104) }
```


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

```
.border{ border-color:rgb(123, 84, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 84, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 84, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 84, 104);  
box-shadow:4px 4px 4px 4px rgb(123, 84,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 97.9410, 2.9871, 21.9767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 84, 104) }
```

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

```
.background{ background-color: rgb(123, 84,  
104) }
```

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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