

Converting Colors

YUV(97.9730, 4.4503, 19.3177)

Have a look what the booklet for
YUV(97.9730, 4.4503, 19.3177)
contains.

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Color

**YUV(97.9730, 4.4503,
19.3177)**

Conversions

Conversions Part 1

Format	Color
Hex	78556B
RGB	120, 85, 107
RGB Percent	47%, 33%, 42%
CMY	0.5294, 0.6667, 0.5804
CMYK	0.00, 0.29, 0.11, 0.53
HSL	322°, 17%, 40%
HSV	322°, 29%, 47%
XYZ	13.6481, 11.5516, 15.4203
YIQ	97.9730, 13.7980, 14.2620

Conversions

Conversions Part 2

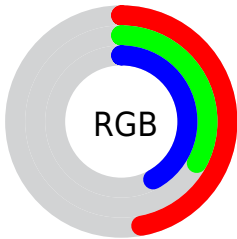
Format	Color
R_{YB}	120, 85, 107
Decimal	7886187
CIE _{Lab}	40.49, 18.32, -6.85
CIE _{LCh}	40, 19.554, 339.508
Yxy	11.5516, 0.3360, 0.2844
Android (android.graphics.Color)	4286076267 (0xFF78556B)
YUV	97.9730, 4.4503, 19.3177
Hunter-Lab	33.9877, 12.2000, -3.1086

Details

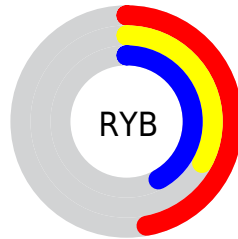
The YUV color **97.9730, 4.4503, 19.3177** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **107.0270, -4.4503, -19.3177**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.9840, 4.4449, 21.0620**, and **50.9620, 4.4557, 17.5733** is the 20% darker color. If you saturate the color by 10%, you get **90.4730, 6.1758, 25.8952**, and if you desaturate by 10%, it is **105.4730, 2.7248, 12.7402**.

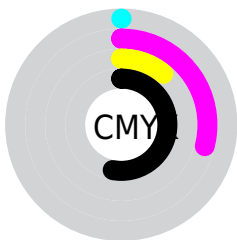
Distribution



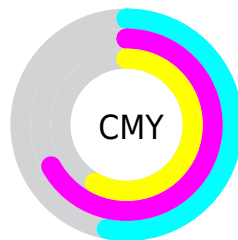
- Red (47%)
- Green (33%)
- Blue (42%)



- Red (47%)
- Yellow (33%)
- Blue (42%)



- Cyan (0%)
- Magenta (29%)
- Yellow (11%)
- Black (53%)



- Cyan (53%)
- Magenta (67%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.9730, 4.4503, 19.3177 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 97.9730, 4.4503, 19.3177 by changing the saturation by 10% instead.

■ 97.9730, 4.4503,
19.3177

■ 97.9730, 4.4503,
19.3177

■ 255.0000, 0.0000,
0.0000

■ 74.2610, 4.3083,
18.1881

■ 148.9840, 4.4449,
21.0620

■ 50.9620, 4.4557,
17.5733

■ 175.3970, 4.7343,
21.5768

■ 29.2500, 4.3137,
16.4438

■ 203.1090, 4.8763,
22.7064

■ 11.0220, 3.4402,
16.6437

■ 230.5110, 5.1711,
21.4769

■ 0.0000, 0.0000,
0.0000

■ 249.1300, 2.8939,
5.1480

97.9730, 4.4503,
19.3177

97.9730, 4.4503,
19.3177

90.4730, 6.1758,
25.8952

105.4730, 2.7248,
12.7402

82.8590, 7.4645,
32.5727

113.0870, 1.4361,
6.0627

75.3590, 9.1900,
39.1502

120.5870, -0.2894,
-0.5148

67.7450, 10.4787,
45.8276

128.2010, -1.5781,
-7.1923

60.2450, 12.2042,
52.4051

135.7010, -3.3036,
-13.7698

52.6310, 13.4929,
59.0826

143.3150, -4.5923,
-20.4473

45.1310, 15.2184,
65.6601

150.8150, -6.3178,
-27.0248

44.4300, 15.0710,

158.4290, -7.6065,

66.2749

-33.7022

 165.9290, -9.3320,
-40.2797

Harmonies

Analogous

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



97.6060, 11.0402, 5.6075



97.9730, 4.4503, 19.3177



97.6550, -3.2809, 25.7356

Triad

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



97.9730, 4.4503, 19.3177



94.1460, -14.8620, 6.8880



87.0260, 13.7912, -36.8568

Complementary

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



97.9730, 4.4503, 19.3177



107.0270, -4.4503, -19.3177

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.



87.0990, 6.3602, -33.4128



97.9730, 4.4503, 19.3177



92.3830, -11.0348, -7.3519

Square

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



97.9730, 4.4503, 19.3177



95.6250, -14.6051, 17.8689



89.4720, -2.6977, -21.4619



90.5910, 16.9636, -27.7053

Rectangle

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



97.9730, 4.4503, 19.3177



96.9880, -8.3751, 26.3205



89.4720, -2.6977, -21.4619



86.8580, 11.9020, -37.5865

Sweetspot

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



97.9730, 4.4503, 19.3177



147.0980, 1.4307, 7.8071



92.8770, 13.3716, 4.4929



73.3750, 1.2941, 4.9331



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.



97.9730, 4.4503, 19.3177



121.3210, 6.7437, 30.4135



96.0350, -2.9753, 21.0173



57.2500, 0.8628, 3.2887



46.3810, 16.0812, 68.9489



93.4740, 32.3043, 139.0273

Inverse Universe

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



97.9730, 4.4503, 19.3177



121.3210, 6.7437, 30.4135



108.9650, 2.9753, -21.0173



57.2500, 0.8628, 3.2887



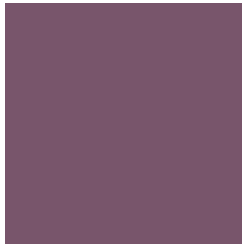
46.3810, 16.0812, 68.9489



93.4740, 32.3043, 139.0273

Previews

White Background



This preview shows how the YUV color 97.9730, 4.4503, 19.3177 looks on a white background.

Color Contrast Check

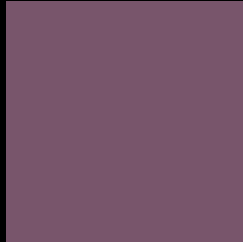
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.9730, 4.4503, 19.3177 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 97.9730, 4.4503, 19.3177

Background



This preview shows how black text looks on a background with the YUV color 97.9730, 4.4503, 19.3177.



This preview shows how white text looks on a background with the YUV color 97.9730, 4.4503,

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

97.9730, 4.4503, 19.3177

Protanopia

96.1550, 8.3046, -3.6439

Deuteranopia

96.4610, 4.2097, 3.1037



Tritanopia

97.0670, -1.5120, 18.3582

Trichromacy



Original Color

97.9730, 4.4503, 19.3177

Protanomaly

96.5690, 7.1145, 4.7630

Deuteranomaly

96.9070, 4.4828, 8.8516

Tritanomaly

97.3490, 0.8139, 18.9879

Monochromacy



Original Color

97.9730, 4.4503, 19.3177

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.7990, 1.5781, 7.1923

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.9730, 4.4503, 19.3177 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(120, 85, 107)` looks like.

```
.text, #text, p{  
    color:rgb(120, 85, 107)  
}
```

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(120, 85, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 85, 107) }
```

Border

The CSS property to change the border of an element to YUV 97.9730, 4.4503, 19.3177 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(120, 85, 107) }
```


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

```
.border{ border-color:rgb(120, 85, 107) }
```

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

Here you see how a box with a 4 pixel rgb(120, 85, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 85, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 85, 107);  
box-shadow:4px 4px 4px 4px rgb(120, 85,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 97.9730, 4.4503, 19.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 85, 107) }
```

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

```
.background{ background-color: rgb(120, 85,  
107) }
```

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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