

Converting Colors

YUV(97.7810, 8.9820, 12.4701)

Have a look what the booklet for
YUV(97.7810, 8.9820, 12.4701)
contains.

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Color

**YUV(97.7810, 8.9820,
12.4701)**

Conversions

Conversions Part 1

Format	Color
Hex	705774
RGB	112, 87, 116
RGB Percent	44%, 34%, 45%
CMY	0.5608, 0.6588, 0.5451
CMYK	0.03, 0.25, 0.00, 0.55
HSL	292°, 14%, 40%
HSV	292°, 25%, 45%
XYZ	13.2427, 11.5221, 18.0490
YIQ	97.7810, 5.5910, 14.3190

Conversions

Conversions Part 2

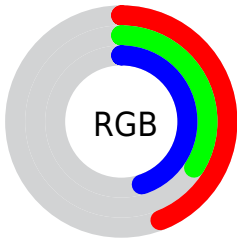
Format	Color
R_{YB}	112, 87, 116
Decimal	7362420
CIE _{Lab}	40.45, 15.91, -12.54
CIE _{LCh}	40, 20.257, 321.738
Yxy	11.5221, 0.3093, 0.2691
Android (android.graphics.Color)	4285552500 (0xFF705774)
YUV	97.7810, 8.9820, 12.4701
Hunter-Lab	33.9442, 10.2360, -7.7651

Details

The YUV color **97.7810, 8.9820, 12.4701** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **105.2190, -8.9820, -12.4701**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.6070, 9.5607, 13.4997**, and **50.9550, 8.4032, 11.4405** is the 20% darker color. If you saturate the color by 10%, you get **90.1390, 12.7495, 17.4181**, and if you desaturate by 10%, it is **105.4230, 5.2145, 7.5220**.

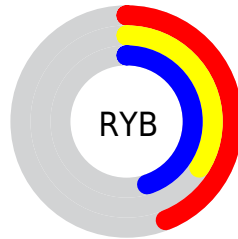
Distribution



Red (44%)

Green (34%)

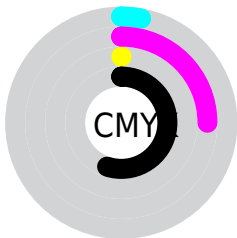
Blue (45%)



Red (44%)

Yellow (34%)

Blue (45%)

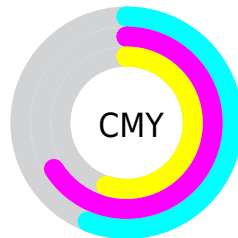


Cyan (3%)

Magenta (25%)

Yellow (0%)

Black (55%)



Cyan (56%)

Magenta (66%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.7810, 8.9820, 12.4701 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 97.7810, 8.9820, 12.4701 by changing the saturation by 10% instead.

■ 97.7810, 8.9820,
12.4701

■ 97.7810, 8.9820,
12.4701

■ 255.0000, 0.0000,
0.0000

■ 73.9550, 8.4032,
11.4405

■ 148.6070, 9.5607,
13.4997

■ 50.9550, 8.4032,
11.4405

■ 175.0200, 9.8501,
14.0145

■ 29.2430, 8.2612,
10.3109

■ 203.0200, 9.8501,
14.0145

■ 9.7270, 7.5296,
11.6404

■ 230.8460, 10.4289,
15.0441

■ 0.0000, 0.0000,
0.0000

■ 250.3040, 2.3151,
4.1184

97.7810, 8.9820,
12.4701

97.7810, 8.9820,
12.4701

90.1390, 12.7495,
17.4181

105.4230, 5.2145,
7.5220

83.3830, 16.0802,
22.4661

112.1790, 1.8838,
2.4740

75.7410, 19.8477,
27.4141

119.8210, -1.8838,
-2.4740

68.9850, 23.1784,
32.4622

126.5770, -5.2145,
-7.5220

61.3430, 26.9459,
37.4102

134.2190, -8.9820,
-12.4701

53.7010, 30.7134,
42.3582

141.8610,
-12.7495, -17.4181

46.9450, 34.0441,
47.4062


148.6170,
-16.0802, -22.4661

43.1240, 35.9279,

156.2590,

49.8803

-19.8477, -27.4141

 163.0150,
-23.1784, -32.4622

Harmonies

Analogous

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



96.1640, 14.7091, -4.5288



97.7810, 8.9820, 12.4701



97.6100, 1.6713, 24.0210

Triad

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



97.7810, 8.9820, 12.4701



94.9620, -15.7573, 14.0653



85.8040, 10.4496, -38.4161

Complementary

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



97.7810, 8.9820, 12.4701



105.2190, -8.9820, -12.4701

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.



88.0520, 0.9604, -28.1096



97.7810, 8.9820, 12.4701



92.9280, -14.2615, 0.9401

Square

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



97.7810, 8.9820, 12.4701



95.8260, -12.7322, 23.8316



90.7350, -8.2504, -13.7996



87.4220, 16.5540, -36.3271

Rectangle

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



97.7810, 8.9820, 12.4701



97.1390, -4.0125, 27.0651



90.7350, -8.2504, -13.7996



86.3160, 7.2392, -35.3571

Sweetspot

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



97.7810, 8.9820, 12.4701



142.6570, 3.6201, 5.5628



92.6540, 11.5096, -4.9586



71.7060, 2.6099, 2.8888



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



97.7810, 8.9820, 12.4701



121.7910, 13.9070, 19.4773



97.8370, 4.0244, 15.9290



55.1790, 1.8838, 2.4740



45.6020, 37.6642, 52.9690



92.7850, 77.5070, 107.1826

Inverse Universe

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



96.1270, -2.5276, 17.4286



119.2530, -3.5757, 26.9651



105.1630, -4.0244, -15.9290



54.9080, -0.4476, 3.5887



38.4160, -10.5581, 73.3032



78.6260, -22.0006, 150.2950

Previews

White Background



This preview shows how the YUV color 97.7810, 8.9820, 12.4701 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 97.7810, 8.9820, 12.4701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

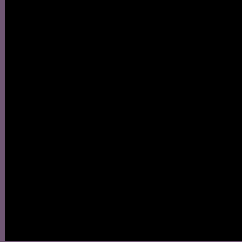
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.7810, 8.9820, 12.4701

Background



This preview shows how black text looks on a background with the YUV color 97.7810, 8.9820, 12.4701.



This preview shows how white text looks on a background with the YUV color 97.7810, 8.9820,

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

97.7810, 8.9820, 12.4701

Protanopia

96.1700, 12.2412, -6.2881

Deuteranopia

96.1060, 9.3147, -0.9700



Tritanopia

96.4790, 0.2569, 10.9809

Trichromacy



Original Color

97.7810, 8.9820, 12.4701

Protanomaly

96.5730, 11.0565, 0.3745

Deuteranomaly

96.7260, 9.0091, 3.7483

Tritanomaly

96.9890, 3.4564, 11.4106

Monochromacy



Original Color

97.7810, 8.9820, 12.4701

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.9450, 3.4781, 4.4332

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.7810, 8.9820, 12.4701 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(112, 87, 116)` looks like.

```
.text, #text, p{  
    color:rgb(112, 87, 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(112, 87, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 87, 116) }
```

Border

The CSS property to change the border of an element to YUV 97.7810, 8.9820, 12.4701 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(112, 87, 116) }
```


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

```
.border{ border-color:rgb(112, 87, 116) }
```

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

Here you see how a box with a 4 pixel rgb(112, 87, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 87, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 87, 116);  
box-shadow:4px 4px 4px 4px rgb(112, 87,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 97.7810, 8.9820, 12.4701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 87, 116) }
```

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

```
.background{ background-color: rgb(112, 87,  
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](#).

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