

Converting Colors

YUV(98.4270, 12.6075, 16.2885)

Have a look what the booklet for
YUV(98.4270, 12.6075, 16.2885)
contains.

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Color

**YUV(98.4270, 12.6075,
16.2885)**

Conversions

Conversions Part 1

Format	Color
Hex	75547C
RGB	117, 84, 124
RGB Percent	46%, 33%, 49%
CMY	0.5412, 0.6706, 0.5137
CMYK	0.06, 0.32, 0.00, 0.51
HSL	290°, 19%, 41%
HSV	290°, 32%, 49%
XYZ	14.1445, 11.5778, 20.5580
YIQ	98.4270, 6.8280, 19.4360

Conversions

Conversions Part 2

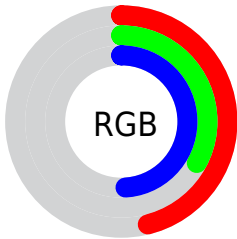
Format	Color
R_{YB}	117, 84, 124
Decimal	7689340
CIE _{Lab}	40.54, 21.27, -17.26
CIE _{LCh}	41, 27.391, 320.942
Yxy	11.5778, 0.3056, 0.2502
Android (android.graphics.Color)	4285879420 (0xFF75547C)
YUV	98.4270, 12.6075, 16.2885
Hunter-Lab	34.0262, 14.6559, -12.0037

Details

The YUV color **98.4270, 12.6075, 16.2885** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **109.5730, -12.6075, -16.2885**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6660, 13.4757, 17.8329**, and **51.1880, 11.7393, 14.7441** is the 20% darker color. If you saturate the color by 10%, you get **90.7850, 16.3750, 21.2366**, and if you desaturate by 10%, it is **106.0690, 8.8400, 11.3405**.

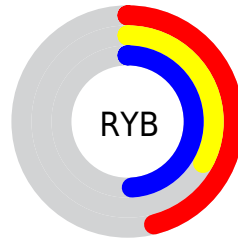
Distribution



Red (46%)

Green (33%)

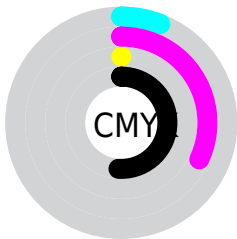
Blue (49%)



Red (46%)

Yellow (33%)

Blue (49%)

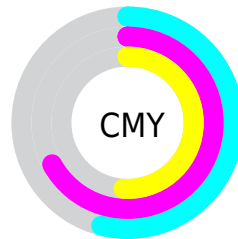


Cyan (6%)

Magenta (32%)

Yellow (0%)

Black (51%)



Cyan (54%)

Magenta (67%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.4270, 12.6075, 16.2885 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 98.4270, 12.6075, 16.2885 by changing the saturation by 10% instead.

■ 98.4270, 12.6075,
16.2885

■ 98.4270, 12.6075,
16.2885

■ 255.0000, 0.0000,
0.0000

■ 74.0140, 12.3181,
15.7737

■ 149.6660, 13.4757,
17.8329

■ 51.1880, 11.7393,
14.7441

■ 176.0790, 13.7651,
18.3477

■ 29.3620, 11.1605,
13.7145

■ 203.4920, 14.0544,
18.8625

■ 11.6070, 9.5607,
13.4997

■ 231.2210, 11.7230,
19.9772

■ 0.2280, 0.8736,
-0.2000

■ 248.5430, 3.1833,
5.6628

■ 0.0000, 0.0000,
0.0000

■ 98.4270, 12.6075,
16.2885

■ 98.4270, 12.6075,
16.2885

■ 90.7850, 16.3750,
21.2366

■ 106.0690, 8.8400,
11.3405

■ 82.5560, 20.4319,
26.6994

■ 114.2980, 4.7831,
5.8777

■ 74.6150, 24.3468,
31.0326

■ 122.2390, 0.8682,
1.5444

■ 66.3860, 28.4037,
36.4955

■ 130.4680, -3.1887,
-3.9184

■ 58.7440, 32.1712,
41.4435

■ 138.1100, -6.9562,
-8.8665

■ 51.1020, 35.9387,
46.3915


■ 145.7520,
-10.7237, -13.8145

■ 44.6340, 39.1274,
50.3100

■ 153.9810,
-14.7806, -19.2773

■ 161.6230,

-18.5481, -24.2254

 170.1510,
-22.7524, -29.0734

Harmonies

Analogous

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



95.9340, 20.2455, -6.9581



98.4270, 12.6075, 16.2885



97.5940, 2.6652, 31.9281

Triad

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



98.4270, 12.6075, 16.2885



94.5020, -21.4465, 18.8537



75.4630, 17.5197, -66.1811

Complementary

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



98.4270, 12.6075, 16.2885



109.5730, -12.6075, -16.2885

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.



83.6050, 2.1667, -41.7496



98.4270, 12.6075, 16.2885



92.2610, -19.3557, 1.5251

Square

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



98.4270, 12.6075, 16.2885



95.8440, -16.6851, 31.7088



89.0180, -10.8549, -18.4328



76.4550, 26.3977, -67.0510

Rectangle

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



98.4270, 12.6075, 16.2885



97.3790, -4.6238, 36.5016



89.0180, -10.8549, -18.4328



74.5510, 14.0254, -65.3812

Sweetspot

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



98.4270, 12.6075, 16.2885



150.7110, 5.0725, 6.3925



92.6690, 15.4462, -7.6027



75.5320, 3.1887, 3.9184



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.



98.4270, 12.6075, 16.2885



120.7300, 19.8531, 25.6698



99.0380, 5.8973, 21.8917



57.1790, 1.8838, 2.4740



45.0470, 39.4168, 50.8248



90.9200, 79.4124, 102.6792

Inverse Universe

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



96.7580, -2.8387, 23.8912



118.0910, -4.4819, 37.6312



108.9620, -5.8973, -21.8917



56.9080, -0.4476, 3.5887



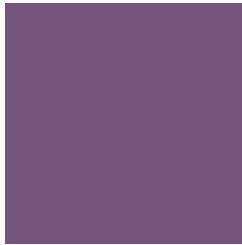
39.8830, -8.8163, 74.6476



80.3640, -17.9275, 150.5248

Previews

White Background



This preview shows how the YUV color 98.4270, 12.6075, 16.2885 looks on a white background.

Color Contrast Check

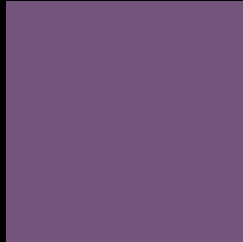
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.4270, 12.6075, 16.2885 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 98.4270, 12.6075, 16.2885

Background



This preview shows how black text looks on a background with the YUV color 98.4270, 12.6075, 16.2885.



This preview shows how white text looks on a background with the YUV color 98.4270, 12.6075,

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

98.4270, 12.6075, 16.2885

Protanopia

96.2280, 17.6356, -9.8470

Deuteranopia

96.2950, 12.6726, -4.6437



Tritanopia

96.9740, -0.4802, 14.0548

Trichromacy



Original Color

98.4270, 12.6075, 16.2885

Protanomaly

97.1260, 15.7139, -0.1105

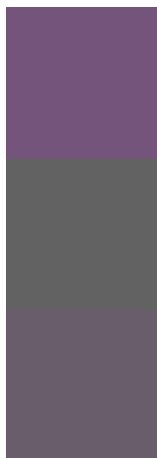
Deuteranomaly

96.7520, 12.9403, 2.8485

Tritanomaly

97.2390, 4.3192, 14.6994

Monochromacy



Original Color

98.4270, 12.6075, 16.2885

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.1840, 4.3463, 5.9776

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.4270, 12.6075, 16.2885 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(117, 84, 124)` looks like.

```
.text, #text, p{  
    color:rgb(117, 84, 124)  
}
```

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(117, 84, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 84, 124) }
```

Border

The CSS property to change the border of an element to YUV 98.4270, 12.6075, 16.2885 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(117, 84, 124) }
```


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

```
.border{ border-color:rgb(117, 84, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 84, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 84, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 84, 124);  
box-shadow:4px 4px 4px 4px rgb(117, 84,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 98.4270, 12.6075, 16.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 84, 124) }
```

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

```
.background{ background-color: rgb(117, 84,  
124) }
```

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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