

Converting Colors

YUV(96.4270, 12.6075, 16.2885)

Have a look what the booklet for
YUV(96.4270, 12.6075, 16.2885)
contains.

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Color

**YUV(96.4270, 12.6075,
16.2885)**

Conversions

Conversions Part 1

Format	Color
Hex	73527A
RGB	115, 82, 122
RGB Percent	45%, 32%, 48%
CMY	0.5490, 0.6784, 0.5216
CMYK	0.06, 0.33, 0.00, 0.52
HSL	290°, 20%, 40%
HSV	290°, 33%, 48%
XYZ	13.6004, 11.0846, 19.8351
YIQ	96.4270, 6.8280, 19.4360

Conversions

Conversions Part 2

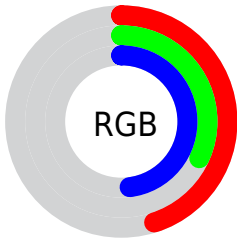
Format	Color
R_{YB}	115, 82, 122
Decimal	7557754
CIE _{Lab}	39.72, 21.34, -17.30
CIE _{LCh}	40, 27.472, 320.962
Yxy	11.0846, 0.3055, 0.2490
Android (android.graphics.Color)	4285747834 (0xFF73527A)
YUV	96.4270, 12.6075, 16.2885
Hunter-Lab	33.2935, 14.6536, -12.0174

Details

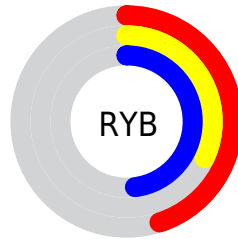
The YUV color **96.4270, 12.6075, 16.2885** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **107.5730, -12.6075, -16.2885**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.6660, 13.4757, 17.8329**, and **49.1880, 11.7393, 14.7441** is the 20% darker color. If you saturate the color by 10%, you get **88.7850, 16.3750, 21.2366**, and if you desaturate by 10%, it is **104.0690, 8.8400, 11.3405**.

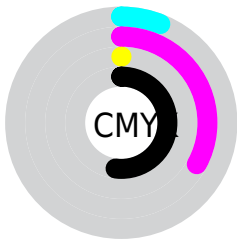
Distribution



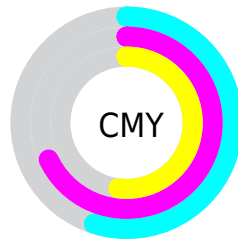
- Red (45%)
- Green (32%)
- Blue (48%)



- Red (45%)
- Yellow (32%)
- Blue (48%)



- Cyan (6%)
- Magenta (33%)
- Yellow (0%)
- Black (52%)



- Cyan (55%)
- Magenta (68%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.4270, 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 96.4270, 12.6075, 16.2885 by changing the saturation by 10% instead.

■ 96.4270, 12.6075,
16.2885

■ 96.4270, 12.6075,
16.2885

■ 255.0000, 0.0000,
0.0000

■ 72.6010, 12.0287,
15.2589

■ 147.6660, 13.4757,
17.8329

■ 49.1880, 11.7393,
14.7441

■ 174.0790, 13.7651,
18.3477

■ 27.3620, 11.1605,
13.7145

■ 201.4920, 14.0544,
18.8625

■ 10.8950, 9.4188,
12.3701

■ 229.4490, 12.5966,
19.7772

■ 0.0000, 0.0000,
0.0000

■ 246.7820, 4.0515,
7.2072

■ 96.4270, 12.6075,
16.2885

■ 96.4270, 12.6075,
16.2885

■ 88.7850, 16.3750,
21.2366

■ 104.0690, 8.8400,
11.3405

■ 81.1430, 20.1425,
26.1846

■ 111.7110, 5.0725,
6.3925

■ 72.9140, 24.1994,
31.6474

■ 119.9400, 1.0156,
0.9296

■ 64.9730, 28.1143,
35.9807

■ 127.8810, -2.8993,
-3.4036

■ 57.3310, 31.8818,
40.9287

■ 135.5230, -6.6668,
-8.3517

■ 49.6890, 35.6493,
45.8767


■ 143.1650,
-10.4343, -13.2997

■ 44.1070, 38.4012,
49.8952

■ 150.8070,
-14.2019, -18.2477

■ 159.0360,

-18.2587, -23.7106

 166.6780,
-22.0263, -28.6586

Harmonies

Analogous

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



93.9340, 20.2455, -6.9581



96.4270, 12.6075, 16.2885



95.5940, 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.



96.4270, 12.6075, 16.2885



92.5020, -21.4465, 18.8537



74.0610, 17.2249, -64.9515

Complementary

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



96.4270, 12.6075, 16.2885



107.5730, -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.



81.3060, 2.3141, -42.3644



96.4270, 12.6075, 16.2885



90.2610, -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.



96.4270, 12.6075, 16.2885



93.8440, -16.6851, 31.7088



87.0180, -10.8549, -18.4328



75.0530, 26.1029, -65.8215

Rectangle

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



96.4270, 12.6075, 16.2885



95.3790, -4.6238, 36.5016



87.0180, -10.8549, -18.4328



73.1490, 13.7305, -64.1517

Sweetspot

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



96.4270, 12.6075, 16.2885



147.7110, 5.0725, 6.3925



90.6690, 15.4462, -7.6027



73.1190, 2.8993, 3.4036



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.



96.4270, 12.6075, 16.2885



118.3170, 19.5637, 25.1550



97.0380, 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.



94.7580, -2.8387, 23.8912



115.7920, -4.3345, 37.0164



106.9620, -5.8973, -21.8917



56.9080, -0.4476, 3.5887



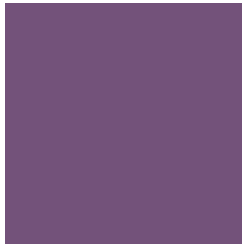
39.8830, -8.8163, 74.6476



80.3640, -17.9275, 150.5248

Previews

White Background



This preview shows how the YUV color 96.4270, 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 96.4270, 12.6075, 16.2885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

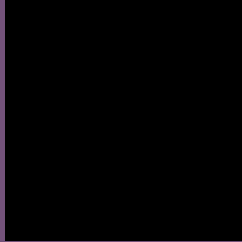
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.4270, 12.6075, 16.2885

Background



This preview shows how black text looks on a background with the YUV color 96.4270, 12.6075, 16.2885.



This preview shows how white text looks on a background with the YUV color 96.4270, 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

96.4270, 12.6075, 16.2885

Protanopia

94.2280, 17.6356, -9.8470

Deuteranopia

94.2950, 12.6726, -4.6437



Tritanopia

95.5610, -0.7696, 13.5400

Trichromacy



Original Color

96.4270, 12.6075, 16.2885

Protanomaly

95.1260, 15.7139, -0.1105

Deuteranomaly

94.7520, 12.9403, 2.8485

Tritanomaly

95.8260, 4.0298, 14.1846

Monochromacy



Original Color

96.4270, 12.6075, 16.2885

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.1840, 4.3463, 5.9776

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.4270, 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(115, 82, 122)` looks like.

```
.text, #text, p{  
    color:rgb(115, 82, 122)  
}
```

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(115, 82, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 82, 122) }
```

Border

The CSS property to change the border of an element to YUV 96.4270, 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(115, 82, 122) }
```


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

```
.border{ border-color:rgb(115, 82, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 82, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 82, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 82, 122);  
box-shadow:4px 4px 4px 4px rgb(115, 82,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 96.4270, 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(115, 82, 122) }
```

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

```
.background{ background-color: rgb(115, 82,  
122) }
```

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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