

# Converting Colors

YUV(100.2430, 11.7122,  
23.4659)

Have a look what the booklet for  
YUV(100.2430, 11.7122, 23.4659)  
contains.

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# Color

**YUV(100.2430, 11.7122,  
23.4659)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F527C
RGB	127, 82, 124
RGB Percent	50%, 32%, 49%
CMY	0.5020, 0.6784, 0.5137
CMYK	0.00, 0.35, 0.02, 0.50
HSL	304°, 22%, 41%
HSV	304°, 35%, 50%
XYZ	15.4078, 12.0018, 20.5733
YIQ	100.2430, 13.3380, 22.6020

# Conversions

## Conversions Part 2

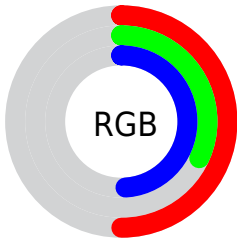
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 82, 124
Decimal	8344188
CIE <sub>Lab</sub>	41.22, 25.99, -16.11
CIE <sub>LCh</sub>	41, 30.583, 328.208
Yxy	12.0018, 0.3211, 0.2501
Android (android.graphics.Color)	4286534268 (0xFF7F527C)
YUV	100.2430, 11.7122, 23.4659
Hunter-Lab	34.6437, 18.7614, -10.9590

# Details

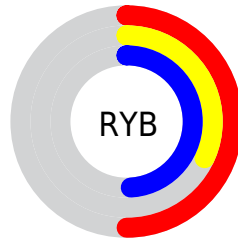
The YUV color **100.2430, 11.7122, 23.4659** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **108.7570, -11.7122, -23.4659**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.7810, 12.4330, 25.6251**, and **52.1180, 11.2808, 21.8215** is the 20% darker color. If you saturate the color by 10%, you get **92.4980, 15.0375, 30.2583**, and if you desaturate by 10%, it is **107.9880, 8.3869, 16.6735**.

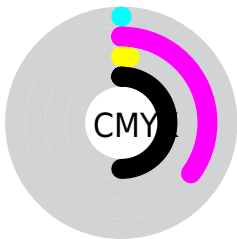
# Distribution



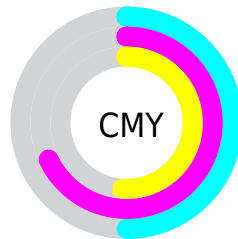
- Red (50%)
- Green (32%)
- Blue (49%)



- Red (50%)
- Yellow (32%)
- Blue (49%)



- Cyan (0%)
- Magenta (35%)
- Yellow (2%)
- Black (50%)



- Cyan (50%)
- Magenta (68%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 100.2430, 11.7122, 23.4659 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 100.2430, 11.7122, 23.4659 by changing the saturation by 10% instead.



100.2430, 11.7122,  
23.4659

100.2430, 11.7122,  
23.4659

255.0000, 0.0000,  
0.0000

75.5310, 11.5702,  
22.3363

151.7810, 12.4330,  
25.6251

52.1180, 11.2808,  
21.8215

178.7810, 12.4330,  
25.6251

29.4060, 11.1388,  
20.6919

206.4930, 12.5750,  
26.7546

13.7000, 8.5289,  
17.8031

230.9330, 11.8650,  
21.1068

0.2280, 0.8736,  
-0.2000

247.3690, 3.7621,  
6.6924

0.0000, 0.0000,  
0.0000

100.2430, 11.7122,  
23.4659

100.2430, 11.7122,  
23.4659

92.4980, 15.0375,  
30.2583

107.9880, 8.3869,  
16.6735

85.3400, 18.0734,  
36.5358

115.1460, 5.3510,  
10.3960

77.5950, 21.3987,  
43.3282

122.8910, 2.0257,  
3.6036

69.9640, 25.1607,  
50.0206

130.5220, -1.7363,  
-3.0888

62.2190, 28.4860,  
56.8129

138.2670, -5.0616,  
-9.8812

55.0610, 31.5219,  
63.0905

145.4250, -8.0975,  
-16.1587

51.5390, 33.2583,  
66.1793

153.1700,  
-11.4228, -22.9511

160.9150,

-14.7481, -29.7435

 168.0730,  
-17.7840, -36.0210

# Harmonies

## Analogous

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



98.4940, 20.9555, -1.3102



100.2430, 11.7122, 23.4659



99.3560, 0.3175, 38.2758

# Triad

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



100.2430, 11.7122, 23.4659



95.0950, -24.2038, 16.5797



78.2500, 20.5828, -68.6252

# Complementary

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



100.2430, 11.7122, 23.4659



108.7570, -11.7122, -23.4659

# 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.



76.2970, 9.2206, -64.2815



100.2430, 11.7122, 23.4659



93.0000, -20.2130, -3.5080

# Square

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



100.2430, 11.7122, 23.4659



96.5190, -20.4689, 31.9938



88.7180, -9.2280, -26.9397



78.6550, 29.7501, -68.9804



# Rectangle

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



100.2430, 11.7122, 23.4659



98.0160, -7.4029, 41.2050



88.7180, -9.2280, -26.9397



77.3380, 17.0884, -67.8254

# Sweetspot

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



100.2430, 11.7122, 23.4659



155.3200, 4.7722, 9.3664



88.0270, 19.2137, -2.6547



77.4290, 2.7465, 5.7628



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000



# Same Dimension

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



100.2430, 11.7122, 23.4659



123.1660, 18.6522, 37.5654



97.7350, 2.1026, 25.6654



59.7770, 1.5889, 3.7036



51.8380, 33.1109, 66.7941



0.0000, 0.0000, 0.0000



# Inverse Universe

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



100.2430, 11.7122, 23.4659



123.1660, 18.6522, 37.5654



111.3790, -1.6658, -25.7654



59.7770, 1.5889, 3.7036



51.8380, 33.1109, 66.7941

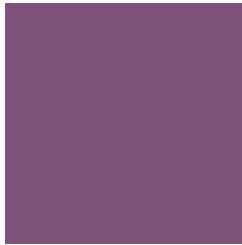


0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 100.2430, 11.7122, 23.4659 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 100.2430, 11.7122, 23.4659 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

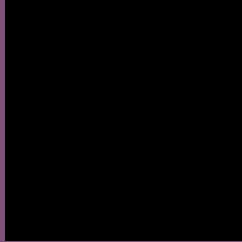
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 100.2430, 11.7122, 23.4659

## Background



This preview shows how black text looks on a background with the YUV color 100.2430, 11.7122, 23.4659.



This preview shows how white text looks on a background with the YUV color 100.2430, 11.7122,



# 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

100.2430, 11.7122, 23.4659

### Protanopia

97.4560, 18.5092, -10.0469

### Deuteranopia

98.5510, 11.0674, -3.1142



## Tritanopia

99.2630, -2.1017, 20.8173

# Trichromacy



## Original Color

100.2430, 11.7122, 23.4659

## Protanomaly

98.5500, 15.9979, 2.1487

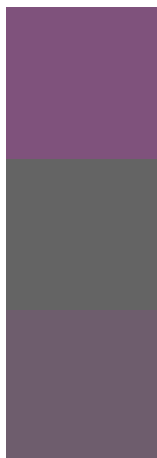
## Deuteranomaly

99.3180, 11.1822, 6.7371

## Tritanomaly

99.6420, 3.1345, 21.3620

# Monochromacy



## Original Color

100.2430, 11.7122, 23.4659

## Achromatopsia

100.0000, 0.0000, 0.0000

## Achromatomaly

99.9070, 4.4828, 8.8516

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 100.2430, 11.7122, 23.4659 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(127, 82, 124)` looks like.

```
.text, #text, p{  
    color:rgb(127, 82, 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(127, 82, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 82, 124) }
```

## Border

The CSS property to change the border of an element to YUV 100.2430, 11.7122, 23.4659 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(127, 82, 124) }
```



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

```
.border{ border-color:rgb(127, 82, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 82, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 82, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 82, 124);  
box-shadow:4px 4px 4px 4px rgb(127, 82,  
124) }
```

# Background

The CSS property to change the background color of an element to YUV 100.2430, 11.7122, 23.4659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 82, 124) }
```

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

```
.background{ background-color: rgb(127, 82,  
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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