

# Converting Colors

YUV(120.3110, 1.8187, 23.4063)

Have a look what the booklet for  
YUV(120.3110, 1.8187, 23.4063)  
contains.

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# Color

**YUV(120.3110, 1.8187,  
23.4063)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	936A7C
RGB	147, 106, 124
RGB Percent	58%, 42%, 49%
CMY	0.4235, 0.5843, 0.5137
CMYK	0.00, 0.28, 0.16, 0.42
HSL	334°, 16%, 50%
HSV	334°, 28%, 58%
XYZ	20.8247, 17.9663, 21.4391
YIQ	120.3110, 18.6580, 14.2900

# Conversions

## Conversions Part 2

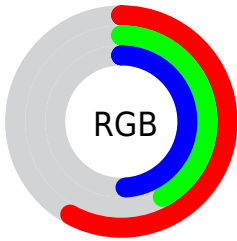
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 106, 124
Decimal	9661052
CIE <sub>Lab</sub>	49.46, 19.29, -3.50
CIE <sub>LCh</sub>	49, 19.608, 349.720
Yxy	17.9663, 0.3458, 0.2983
Android (android.graphics.Color)	4287851132 (0xFF936A7C)
YUV	120.3110, 1.8187, 23.4063
Hunter-Lab	42.3867, 13.5209, -0.3180

# Details

The YUV color **120.3110, 1.8187, 23.4063** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **132.6890, -1.8187, -23.4063**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.2080, 1.3765, 25.2506**, and **71.3000, 1.8241, 21.6619** is the 20% darker color. If you saturate the color by 10%, you get **110.5940, 2.6652, 31.9281**, and if you desaturate by 10%, it is **130.0280, 0.9722, 14.8844**.

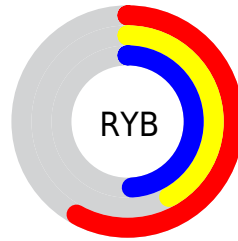
# Distribution



Red (58%)

Green (42%)

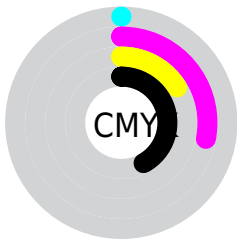
Blue (49%)



Red (58%)

Yellow (42%)

Blue (49%)

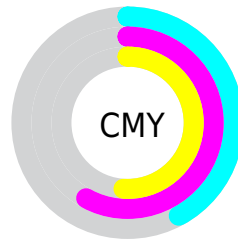


Cyan (0%)

Magenta (28%)

Yellow (16%)

Black (42%)



Cyan (42%)

Magenta (58%)


Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 120.3110, 1.8187, 23.4063 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 120.3110, 1.8187, 23.4063 by changing the saturation by 10% instead.




 120.3110, 1.8187,  
23.4063


 120.3110, 1.8187,  
23.4063


255.0000, 0.0000,  
0.0000

 95.5990, 1.6767,  
22.2767


 173.2080, 1.3765,  
25.2506


 71.3000, 1.8241,  
21.6619


 200.6210, 1.6658,  
25.7654

 48.4030, 2.2663,  
19.8176

 227.1370, 2.3975,  
24.4359

 26.6910, 2.1243,  
18.6880

 246.7820, 4.0515,  
7.2072

 9.4690, -1.2172,  
17.1287

 0.0000, 0.0000,  
0.0000

120.3110, 1.8187,  
23.4063

120.3110, 1.8187,  
23.4063

110.5940, 2.6652,  
31.9281

130.0280, 0.9722,  
14.8844

101.4640, 3.2222,  
39.9351

139.1580, 0.4151,  
6.8774

91.6330, 3.6319,  
48.5569

148.9890, 0.0054,  
-1.7444

81.9160, 4.4784,  
57.0787

158.7060, -0.8411,  
-10.2662

72.7860, 5.0355,  
65.0857

168.4230, -1.6875,  
-18.7880

63.0690, 5.8820,  
73.6075

177.5530, -2.2446,  
-26.7950

53.2380, 6.2917,  
82.2293


187.3840, -2.6543,  
-35.4168

51.3630, 6.7230,

197.1010, -3.5008,

83.8736

-43.9386

 206.2310, -4.0579,  
-51.9456

# Harmonies

## Analogous

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



120.1830, 9.2768, 11.2405



120.3110, 1.8187, 23.4063



119.5690, -6.1965, 27.5650

# Triad

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



120.3110, 1.8187, 23.4063



115.5260, -14.5563, 2.1697



111.0910, 15.2381, -34.2828

# Complementary

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



120.3110, 1.8187, 23.4063



132.6890, -1.8187, -23.4063

# 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.



109.7720, 8.9864, -35.7570



120.3110, 1.8187, 23.4063



113.3330, -8.5452, -12.5700

# Square

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



120.3110, 1.8187, 23.4063



117.5600, -16.0521, 15.2949



111.4220, -0.2080, -26.6801



114.7380, 17.3842, -22.5722



# Rectangle

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



120.3110, 1.8187, 23.4063



119.0050, -10.8485, 26.3056



111.4220, -0.2080, -26.6801



110.3250, 13.6438, -36.2420

# Sweetspot

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



120.3110, 1.8187, 23.4063



181.2830, 0.8465, 8.5218



117.5510, 14.5184, 10.0408



90.4460, 0.2731, 5.7479



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000



# Same Dimension

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



120.3110, 1.8187, 23.4063



150.0290, 2.9437, 35.9316



119.4330, -6.6225, 24.1763



69.4350, 0.2785, 4.0035



48.1020, 5.8657, 78.8405



3.4460, 0.2731, 5.7479



# Inverse Universe

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



120.3110, 1.8187, 23.4063



150.0290, 2.9437, 35.9316



133.5670, 6.6225, -24.1763



69.4350, 0.2785, 4.0035



48.1020, 5.8657, 78.8405

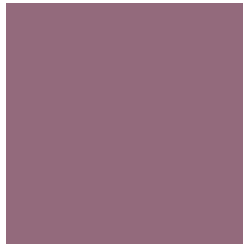


3.4460, 0.2731, 5.7479



# Previews

## White Background



This preview shows how the YUV color 120.3110, 1.8187, 23.4063 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 120.3110, 1.8187, 23.4063 looks on a black 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

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

# YUV 120.3110, 1.8187, 23.4063

## Background



This preview shows how black text looks on a background with the YUV color 120.3110, 1.8187, 23.4063.



This preview shows how white text looks on a background with the YUV color 120.3110, 1.8187,



# 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

120.3110, 1.8187, 23.4063

### Protanopia

118.2970, 6.2626, -2.0145

### Deuteranopia

118.7990, 1.5781, 7.1923



## Tritanopia

119.6870, -1.8177, 23.0765

# Trichromacy



## Original Color

120.3110, 1.8187, 23.4063

## Protanomaly

118.8960, 4.4883, 7.1072

## Deuteranomaly

119.2450, 1.8512, 12.9401

## Tritanomaly

120.0290, -0.5073, 22.7766

# Monochromacy



## Original Color

120.3110, 1.8187, 23.4063

## Achromatopsia

120.0000, 0.0000, 0.0000

## Achromatomaly

120.1690, 0.4097, 8.6218

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 120.3110, 1.8187, 23.4063 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(147, 106, 124)` looks like.

```
.text, #text, p{  
    color:rgb(147, 106, 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(147, 106, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 106, 124) }
```

## Border

The CSS property to change the border of an element to YUV 120.3110, 1.8187, 23.4063 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(147, 106, 124) }
```



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

```
.border{ border-color:rgb(147, 106, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 106, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 106, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 106, 124);  
box-shadow:4px 4px 4px 4px rgb(147, 106,  
124) }
```

# Background

The CSS property to change the background color of an element to YUV 120.3110, 1.8187, 23.4063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 106, 124) }
```

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

```
.background{ background-color: rgb(147,  
106, 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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