

# Converting Colors

YUV(107.2410, 1.3602, 30.4836)

Have a look what the booklet for  
YUV(107.2410, 1.3602, 30.4836)  
contains.

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# Color

**YUV(107.2410, 1.3602,  
30.4836)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E596E
RGB	142, 89, 110
RGB Percent	56%, 35%, 43%
CMY	0.4431, 0.6510, 0.5686
CMYK	0.00, 0.37, 0.23, 0.44
HSL	336°, 23%, 45%
HSV	336°, 37%, 56%
XYZ	17.5422, 14.0213, 16.5337
YIQ	107.2410, 24.8470, 17.7670

# Conversions

## Conversions Part 2

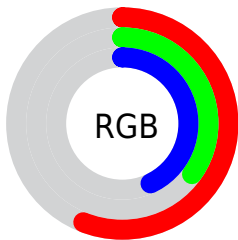
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 89, 110
Decimal	9329006
CIE <sub>Lab</sub>	44.26, 24.92, -2.80
CIE <sub>LCh</sub>	44, 25.077, 353.594
Yxy	14.0213, 0.3647, 0.2915
Android (android.graphics.Color)	4287519086 (0xFF8E596E)
YUV	107.2410, 1.3602, 30.4836
Hunter-Lab	37.4451, 18.0944, 0.0324

# Details

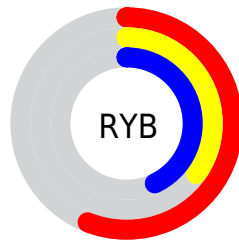
The YUV color **107.2410, 1.3602, 30.4836** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **123.7590, -1.3602, -30.4836**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.5510, 1.2074, 32.8428**, and **58.7460, 2.0972, 27.4098** is the 20% darker color. If you saturate the color by 10%, you get **97.9970, 1.4805, 38.5906**, and if you desaturate by 10%, it is **116.4850, 1.2399, 22.3767**.

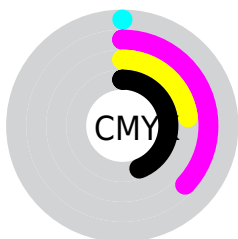
# Distribution



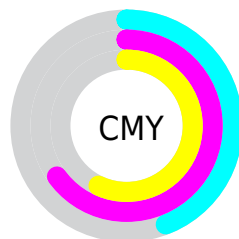
- Red (56%)
- Green (35%)
- Blue (43%)



- Red (56%)
- Yellow (35%)
- Blue (43%)



- Cyan (0%)
- Magenta (37%)
- Yellow (23%)
- Black (44%)



- Cyan (44%)
- Magenta (65%)
- Yellow (57%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 107.2410, 1.3602, 30.4836 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 107.2410, 1.3602, 30.4836 by changing the saturation by 10% instead.




 107.2410, 1.3602,  
30.4836

 107.2410, 1.3602,  
30.4836


255.0000, 0.0000,  
0.0000


 82.6430, 1.6550,  
29.2541


 159.5510, 1.2074,  
32.8428


 58.7460, 2.0972,  
27.4098


 186.2630, 1.3493,  
33.9723


 35.5610, 2.6814,  
26.6950

 214.4480, 0.7651,  
34.6871

 15.1370, 2.3975,  
24.4359

 234.4890, 5.1819,  
17.9881

 0.2990, -0.1474,  
0.6148

 252.6520, 1.1576,  
2.0592

 0.0000, 0.0000,  
0.0000

107.2410, 1.3602,  
30.4836

107.2410, 1.3602,  
30.4836

97.9970, 1.4805,  
38.5906

116.4850, 1.2399,  
22.3767

88.8670, 2.0376,  
46.5976

125.6150, 0.6828,  
14.3696

79.0360, 2.4473,  
55.2194

135.4460, 0.2731,  
5.7479

69.9060, 3.0043,  
63.2264

144.5760, -0.2840,  
-2.2592

60.6620, 3.1246,  
71.3334

153.8200, -0.4043,  
-10.3661

51.5320, 3.6817,  
79.3404

162.9500, -0.9613,  
-18.3731

48.8420, 3.5289,  
81.6996

172.1940, -1.0816,  
-26.4801

182.0250, -1.4913,

-35.1019

■ 191.1550, -2.0484,  
-43.1089

# Harmonies

## Analogous

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



107.9710, 10.8603, 16.6884



107.2410, 1.3602, 30.4836



106.3310, -8.5442, 33.9127

# Triad

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



107.2410, 1.3602, 30.4836



101.4180, -17.4611, 0.5104



92.5280, 22.4177, -50.4521

# Complementary

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



107.2410, 1.3602, 30.4836



123.7590, -1.3602, -30.4836

# 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.



89.9590, 15.3032, -55.2150



107.2410, 1.3602, 30.4836



98.6590, -9.6919, -18.1179

# Square

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



107.2410, 1.3602, 30.4836



103.8330, -20.1307, 16.8095



94.6270, 2.1559, -38.2609



100.3720, 22.4946, -28.3902



# Rectangle

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



107.2410, 1.3602, 30.4836



105.8270, -14.2117, 31.7237



94.6270, 2.1559, -38.2609



90.1530, 21.1236, -55.3852

# Sweetspot

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



107.2410, 1.3602, 30.4836



170.1910, 0.3988, 12.1105



104.6100, 18.4333, 14.3740



84.1580, 0.4151, 6.8774



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



107.2410, 1.3602, 30.4836



129.5790, 2.1796, 47.7272



107.7820, -9.2595, 30.0092



66.4350, 0.2785, 4.0035



46.5210, 3.6871, 77.5961



2.7340, 0.1311, 4.6183



# Inverse Universe

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



107.2410, 1.3602, 30.4836



129.5790, 2.1796, 47.7272



123.2180, 9.2595, -30.0092



66.4350, 0.2785, 4.0035



46.5210, 3.6871, 77.5961

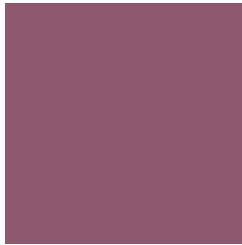


2.7340, 0.1311, 4.6183



# Previews

## White Background



This preview shows how the YUV color 107.2410, 1.3602, 30.4836 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

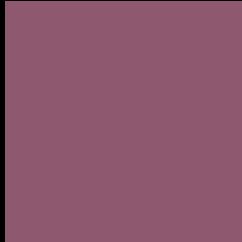
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 107.2410, 1.3602, 30.4836 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

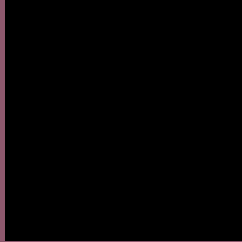
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 107.2410, 1.3602, 30.4836

## Background



This preview shows how black text looks on a background with the YUV color 107.2410, 1.3602, 30.4836.



This preview shows how white text looks on a background with the YUV color 107.2410, 1.3602,



# 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

107.2410, 1.3602, 30.4836

### Protanopia

105.4110, 6.6994, -2.1144

### Deuteranopia

106.2720, 0.8519, 6.7775



## Tritanopia

106.7480, -4.3128, 30.0390

# Trichromacy



## Original Color

107.2410, 1.3602, 30.4836

## Protanomaly

106.3200, 4.7722, 9.3664

## Deuteranomaly

106.4410, 1.2616, 15.3992

## Tritanomaly

106.6170, -2.2762, 30.1539

# Monochromacy



## Original Color

107.2410, 1.3602, 30.4836

## Achromatopsia

107.0000, 0.0000, 0.0000

## Achromatomaly

106.8920, 0.5462, 11.4957

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 107.2410, 1.3602, 30.4836 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(142, 89, 110)` looks like.

```
.text, #text, p{  
    color:rgb(142, 89, 110)  
}
```

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(142, 89, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 89, 110) }
```

## Border

The CSS property to change the border of an element to YUV 107.2410, 1.3602, 30.4836 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(142, 89, 110) }
```



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

```
.border{ border-color:rgb(142, 89, 110) }
```

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

Here you see how a box with a 4 pixel rgb(142, 89, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 89, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 89, 110);  
box-shadow:4px 4px 4px 4px rgb(142, 89,  
110) }
```

# Background

The CSS property to change the background color of an element to YUV 107.2410, 1.3602, 30.4836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 89, 110) }
```

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

```
.background{ background-color: rgb(142, 89,  
110) }
```

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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