

# Converting Colors

YUV(132.8380, 2.5449, 23.8211)

Have a look what the booklet for  
YUV(132.8380, 2.5449, 23.8211)  
contains.

|  |    |
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# Color

**YUV(132.8380, 2.5449,  
23.8211)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | A0768A                     |
| RGB           | 160, 118, 138              |
| RGB Percent   | 63%, 46%, 54%              |
| CMY           | 0.3725, 0.5373, 0.4588     |
| CMYK          | 0.00, 0.26, 0.14, 0.37     |
| HSL           | 331°, 18%, 55%             |
| HSV           | 331°, 26%, 63%             |
| XYZ           | 25.5631, 22.2654, 26.9951  |
| YIQ           | 132.8380, 18.6120, 15.1240 |

# Conversions

## Conversions Part 2

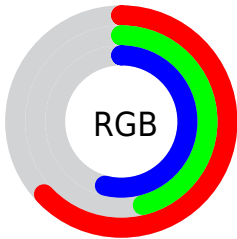
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 160, 118, 138                |
| Decimal                             | 10516106                     |
| CIE <sub>Lab</sub>                  | 54.31, 19.70, -4.42          |
| CIE <sub>LCh</sub>                  | 54, 20.187, 347.344          |
| Yxy                                 | 22.2654, 0.3416,<br>0.2976   |
| Android<br>(android.graphics.Color) | 4288706186<br>(0xFFFA0768A)  |
| YUV                                 | 132.8380, 2.5449,<br>23.8211 |
| Hunter-Lab                          | 47.1863, 14.1262,<br>-0.8892 |

# Details

The YUV color **132.8380, 2.5449, 23.8211** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **145.1620, -2.5449, -23.8211**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.8490, 2.5394, 25.5654**, and **82.8270, 2.5503, 22.0767** is the 20% darker color. If you saturate the color by 10%, you get **122.5340, 3.6807, 32.8577**, and if you desaturate by 10%, it is **143.1420, 1.4090, 14.7845**.

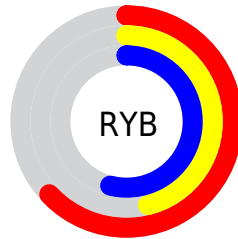
# Distribution



Red (63%)

Green (46%)

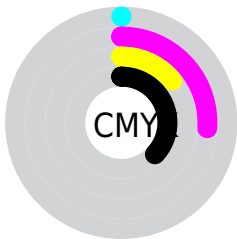
Blue (54%)



Red (63%)

Yellow (46%)

Blue (54%)

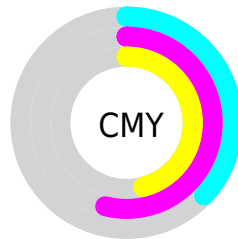


Cyan (0%)

Magenta (26%)

Yellow (14%)

Black (37%)



Cyan (37%)

Magenta (54%)


Yellow (46%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 132.8380, 2.5449, 23.8211 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 132.8380, 2.5449, 23.8211 by changing the saturation by 10% instead.



 132.8380, 2.5449,  
23.8211


 132.8380, 2.5449,  
23.8211


255.0000, 0.0000,  
0.0000

 107.2400, 2.8397,  
22.5915


 185.8490, 2.5394,  
25.5654


 82.8270, 2.5503,  
22.0767


 214.1480, 2.3920,  
26.1802

 59.2290, 2.8451,  
20.8472

 237.1790, 5.3348,  
15.6290

 37.2180, 2.8505,  
19.1028

 14.2720, 4.3029,  
19.9325

 0.0000, 0.0000,  
0.0000

132.8380, 2.5449,  
23.8211

132.8380, 2.5449,  
23.8211

122.5340, 3.6807,  
32.8577

143.1420, 1.4090,  
14.7845

112.1160, 4.3798,  
41.9943

153.5600, 0.7099,  
5.6479

101.8120, 5.5157,  
51.0309

163.8640, -0.4260,  
-3.3887

91.3940, 6.2148,  
60.1675

174.2820, -1.1250,  
-12.5253

81.0900, 7.3506,  
69.2041

184.5860, -2.2609,  
-21.5619

70.7860, 8.4865,  
78.2407

194.8900, -3.3968,  
-30.5985

60.3680, 9.1856,  
87.3773

205.3080, -4.0958,  
-39.7351

56.5040, 9.6115,

215.6120, -5.2317,

90.7660

-48.7717

 221.8070, -4.3419,  
-54.2047

# Harmonies

## Analogous

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



132.5250, 10.5872, 10.9406



132.8380, 2.5449, 23.8211



132.5800, -6.2019, 29.3093

# Triad

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



132.8380, 2.5449, 23.8211



127.8960, -15.7247, 3.5992



123.1940, 15.6804, -36.1271

# Complementary

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



132.8380, 2.5449, 23.8211



145.1620, -2.5449, -23.8211

# 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.



122.0600, 8.8444, -36.8866



132.8380, 2.5449, 23.8211



125.9910, -9.8556, -12.2701

# Square

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



132.8380, 2.5449, 23.8211



129.7560, -16.6417, 17.7540



123.3080, -0.6448, -26.5801



126.8410, 17.8264, -24.4166



# Rectangle

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



132.8380, 2.5449, 23.8211



131.4290, -10.5645, 28.5648



123.3080, -0.6448, -26.5801



122.3140, 13.6492, -37.9864

# Sweetspot

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



132.8380, 2.5449, 23.8211



197.9950, 0.9885, 9.6514



129.3660, 15.1026, 9.3260



97.8590, 0.5625, 6.2627



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



132.8380, 2.5449, 23.8211



165.6810, 4.1013, 37.9908



131.1450, -6.4805, 25.3058



73.8480, 0.5679, 4.5183



50.5090, 8.6231, 81.1146



5.2830, 0.8465, 8.5218



# Inverse Universe

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



132.8380, 2.5449, 23.8211



165.6810, 4.1013, 37.9908



146.8550, 6.4805, -25.3058



73.8480, 0.5679, 4.5183



50.5090, 8.6231, 81.1146



5.2830, 0.8465, 8.5218



# Previews

## White Background



This preview shows how the YUV color 132.8380, 2.5449, 23.8211 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

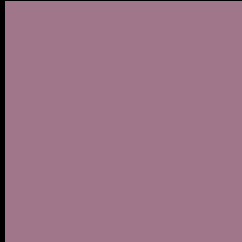
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 132.8380, 2.5449, 23.8211 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

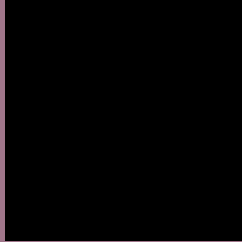
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 132.8380, 2.5449, 23.8211

## Background



This preview shows how black text looks on a background with the YUV color 132.8380, 2.5449, 23.8211.



This preview shows how white text looks on a background with the YUV color 132.8380, 2.5449,



# 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

132.8380, 2.5449, 23.8211

### Protanopia

130.5250, 7.1362, -2.2144

### Deuteranopia

131.3260, 2.3043, 7.6071



## Tritanopia

132.6870, -1.8177, 23.0765

# Trichromacy



## Original Color

132.8380, 2.5449, 23.8211

## Protanomaly

131.4230, 5.2145, 7.5220

## Deuteranomaly

131.7720, 2.5774, 13.3550

## Tritanomaly

132.4420, -0.2179, 23.2914

# Monochromacy



## Original Color

132.8380, 2.5449, 23.8211

## Achromatopsia

133.0000, 0.0000, 0.0000

## Achromatomaly

133.2830, 0.8465, 8.5218

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 132.8380, 2.5449, 23.8211 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(160, 118, 138)` looks like.

```
.text, #text, p{  
    color:rgb(160, 118, 138)  
}
```

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(160, 118, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 118, 138) }
```

## Border

The CSS property to change the border of an element to YUV 132.8380, 2.5449, 23.8211 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(160, 118, 138) }
```



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

```
.border{ border-color:rgb(160, 118, 138) }
```

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

Here you see how a box with a 4 pixel rgb(160, 118, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 118, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 118, 138);  
box-shadow:4px 4px 4px 4px rgb(160, 118,  
138) }
```

# Background

The CSS property to change the background color of an element to YUV 132.8380, 2.5449, 23.8211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 118, 138) }
```

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

```
.background{ background-color: rgb(160,  
118, 138) }
```

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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