

Converting Colors

YUV(131.9970, 1.4805, 38.5906)

Have a look what the booklet for
YUV(131.9970, 1.4805, 38.5906)
contains.

YUV(131.9970, 1.4805, 38.5906)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(131.9970, 1.4805,
38.5906)**

Conversions

Conversions Part 1

Format	Color
Hex	B06D87
RGB	176, 109, 135
RGB Percent	69%, 43%, 53%
CMY	0.3098, 0.5725, 0.4706
CMYK	0.00, 0.38, 0.23, 0.31
HSL	337°, 30%, 56%
HSV	337°, 38%, 69%
XYZ	27.7463, 21.9167, 25.6896
YIQ	131.9970, 31.5860, 22.2900

Conversions

Conversions Part 2

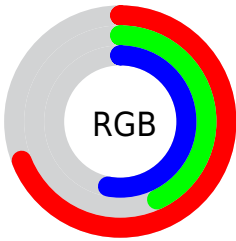
Format	Color
R _Y B	176, 109, 135
Decimal	11562375
CIE Lab	53.94, 30.23, -3.00
CIE LCh	54, 30.375, 354.331
Yxy	21.9167, 0.3682, 0.2909
Android (android.graphics.Color)	4289752455 (0xFFB06D87)
YUV	131.9970, 1.4805, 38.5906
Hunter-Lab	46.8152, 23.8662, 0.2356

Details

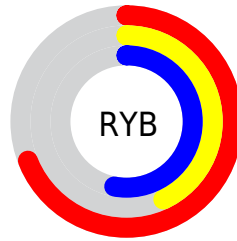
The YUV color **131.9970, 1.4805, 38.5906** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **153.0030, -1.4805, -38.5906**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.1930, 0.8909, 41.0497**, and **81.3880, 1.7807, 35.6167** is the 20% darker color. If you saturate the color by 10%, you get **120.1770, 1.8847, 48.9568**, and if you desaturate by 10%, it is **143.8170, 1.0762, 28.2245**.

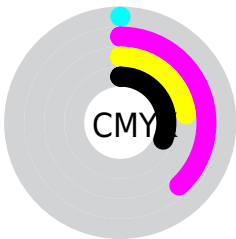
Distribution



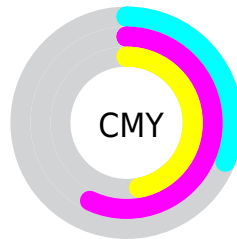
- Red (69%)
- Green (43%)
- Blue (53%)



- Red (69%)
- Yellow (43%)
- Blue (53%)



- Cyan (0%)
- Magenta (38%)
- Yellow (23%)
- Black (31%)



- Cyan (31%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.9970, 1.4805, 38.5906 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 131.9970, 1.4805, 38.5906 by changing the saturation by 10% instead.


 131.9970, 1.4805,
38.5906


 131.9970, 1.4805,
38.5906

255.0000, 0.0000,
0.0000

 106.3990, 1.7753,
37.3611

 186.1930, 0.8909,
41.0497


 81.3880, 1.7807,
35.6167


 211.8120, 2.0647,
37.8759


 56.9040, 2.5123,
34.2872

 231.4400, 6.1921,
20.6621

 31.9470, 3.9701,
33.3725

 249.7170, 2.6045,
4.6332

 16.3330, 1.8078,
26.8950

 3.2890, -1.6215,
6.7625

 0.0000, 0.0000,

0.0000

■ 131.9970, 1.4805,
38.5906

■ 131.9970, 1.4805,
38.5906

■ 120.1770, 1.8847,
48.9568

■ 143.8170, 1.0762,
28.2245

■ 108.9440, 1.9996,
58.8081

■ 155.0500, 0.9614,
18.3732

■ 97.2380, 2.8407,
69.0743

■ 166.7560, 0.1203,
8.1070

■ 86.0050, 2.9555,
78.9256

■ 177.9890, 0.0054,
-1.7444

■ 74.1850, 3.3598,
89.2918

■ 189.8090, -0.3988,
-12.1105

■ 62.3650, 3.7641,
99.6579

■ 201.6290, -0.8031,
-22.4766

■ 60.3760, 3.7586,
101.4022

■ 212.7480, -1.3548,
-32.2280

■ 224.5680, -1.7590,
-42.5941

■ 228.7570, 1.5988,
-46.2679

Harmonies

Analogous

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



132.6880, 13.4648, 21.3216



131.9970, 1.4805, 38.5906



130.8160, -10.7553, 43.1344

Triad

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



131.9970, 1.4805, 38.5906



124.8540, -22.1130, -0.7490



111.8510, 29.1605, -66.5213

Complementary

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



131.9970, 1.4805, 38.5906



153.0030, -1.4805, -38.5906

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.



107.9180, 20.7464, -74.4731



131.9970, 1.4805, 38.5906



121.4580, -11.5648, -24.0807

Square

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



131.9970, 1.4805, 38.5906



127.8890, -25.0883, 20.2683



115.6040, 3.6462, -49.6417



123.2230, 28.4841, -36.1526

Rectangle

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



131.9970, 1.4805, 38.5906



129.9590, -17.7278, 39.5010



115.6040, 3.6462, -49.6417



108.7530, 27.7298, -74.3284

Sweetspot

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



131.9970, 1.4805, 38.5906



212.9140, 0.5354, 14.9844



128.5980, 23.3692, 17.8926



105.1690, 0.4097, 8.6218



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



131.9970, 1.4805, 38.5906



160.3680, 2.2836, 61.0673



133.1420, -11.9020, 37.5865



83.1470, 0.4205, 5.1331



52.4730, 3.2178, 88.1622



8.9140, 0.5354, 14.9844

Inverse Universe

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



131.9970, 1.4805, 38.5906



160.3680, 2.2836, 61.0673



151.8580, 11.9020, -37.5865



83.1470, 0.4205, 5.1331



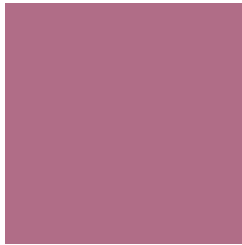
52.4730, 3.2178, 88.1622



8.9140, 0.5354, 14.9844

Previews

White Background



This preview shows how the YUV color 131.9970, 1.4805, 38.5906 looks on a white background.

Color Contrast Check

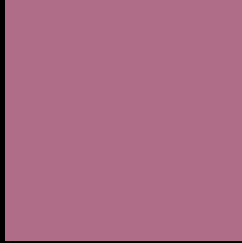
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.9970, 1.4805, 38.5906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

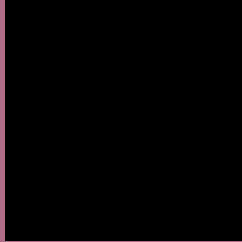
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.9970, 1.4805, 38.5906

Background



This preview shows how black text looks on a background with the YUV color 131.9970, 1.4805, 38.5906.



This preview shows how white text looks on a background with the YUV color 131.9970, 1.4805,

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

131.9970, 1.4805, 38.5906

Protanopia

129.5680, 8.5940, -3.1291

Deuteranopia

130.5820, 0.6991, 9.1366



Tritanopia

131.4500, -5.6448, 37.3164

Trichromacy



Original Color

131.9970, 1.4805, 38.5906

Protanomaly

130.3850, 6.2192, 11.9404

Deuteranomaly

131.0610, 0.9559, 20.1175

Tritanomaly

131.7320, -3.3189, 37.9460

Monochromacy



Original Color

131.9970, 1.4805, 38.5906

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.2020, 0.3934, 13.8548

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.9970, 1.4805, 38.5906 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(176, 109, 135)` looks like.

```
.text, #text, p{  
    color:rgb(176, 109, 135)  
}
```

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(176, 109, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 109, 135) }
```

Border

The CSS property to change the border of an element to YUV 131.9970, 1.4805, 38.5906 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(176, 109, 135) }
```


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

```
.border{ border-color:rgb(176, 109, 135) }
```

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

Here you see how a box with a 4 pixel rgb(176, 109, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 109, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 109, 135);  
box-shadow:4px 4px 4px 4px rgb(176, 109,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 131.9970, 1.4805, 38.5906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 109, 135) }
```

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

```
.background{ background-color: rgb(176,  
109, 135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor