

Converting Colors

YUV(131.8600, 5.9850, 40.4648)

Have a look what the booklet for
YUV(131.8600, 5.9850, 40.4648)
contains.

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Color

**YUV(131.8600, 5.9850,
40.4648)**

Conversions

Conversions Part 1

Format	Color
Hex	B26A90
RGB	178, 106, 144
RGB Percent	70%, 42%, 56%
CMY	0.3020, 0.5843, 0.4353
CMYK	0.00, 0.40, 0.19, 0.30
HSL	328°, 32%, 56%
HSV	328°, 40%, 70%
XYZ	28.5482, 21.7867, 29.0861
YIQ	131.8600, 30.7140, 27.0820

Conversions

Conversions Part 2

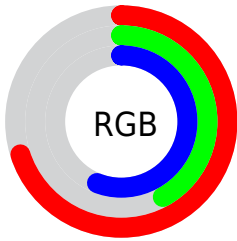
Format	Color
R_{YB}	178, 106, 144
Decimal	11692688
CIE Lab	53.80, 33.99, -8.46
CIE LCh	54, 35.026, 346.019
Yxy	21.7867, 0.3595, 0.2743
Android (android.graphics.Color)	4289882768 (0xFFB26A90)
YUV	131.8600, 5.9850, 40.4648
Hunter-Lab	46.6762, 27.4912, -4.2731

Details

The YUV color **131.8600, 5.9850, 40.4648** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **152.1400, -5.9850, -40.4648**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.1700, 5.8322, 42.8239**, and **80.6640, 6.5746, 38.0057** is the 20% darker color. If you saturate the color by 10%, you get **120.3820, 7.6997, 50.5310**, and if you desaturate by 10%, it is **143.3380, 4.2704, 30.3986**.

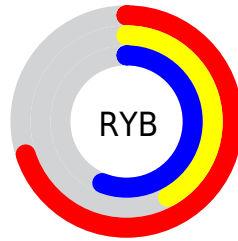
Distribution



Red (70%)

Green (42%)

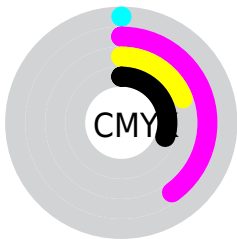
Blue (56%)



Red (70%)

Yellow (42%)

Blue (56%)

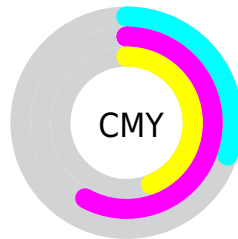


Cyan (0%)

Magenta (40%)

Yellow (19%)

Black (30%)



Cyan (30%)

Magenta (58%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.8600, 5.9850, 40.4648 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 131.8600, 5.9850, 40.4648 by changing the saturation by 10% instead.

 131.8600, 5.9850,
40.4648


 131.8600, 5.9850,
40.4648


255.0000, 0.0000,
0.0000


 105.8490, 5.9904,
38.7204


 186.1700, 5.8322,
42.8239


 80.6640, 6.5746,
38.0057

 211.1910, 7.3008,
38.4205


 55.7670, 7.0169,
36.1613

 230.8190, 11.4282,
21.2067

 29.9350, 8.9060,
36.8910

 247.9560, 3.4727,
6.1776

 17.7290, 4.5706,
27.4247

 5.0830, -2.5059,
10.4512

 0.0000, 0.0000,

0.0000

■ 131.8600, 5.9850,
40.4648

■ 131.8600, 5.9850,
40.4648

■ 120.3820, 7.6997,
50.5310

■ 143.3380, 4.2704,
30.3986

■ 108.7900, 8.9775,
60.6972

■ 154.9300, 2.9925,
20.2324

■ 97.8990, 10.4028,
70.2486

■ 165.8210, 1.5672,
10.6810

■ 86.3070, 11.6806,
80.4148

■ 177.4130, 0.2894,
0.5148

■ 74.8290, 13.3953,
90.4810

■ 188.8910, -1.4253,
-9.5514

■ 63.9380, 14.8206,
100.0324

■ 200.3690, -3.1399,
-19.6176

■ 211.9610, -4.4178,
-29.7838

■ 222.8520, -5.8430,
-39.3352

■ 227.9870, -3.9376,
-43.8386

Harmonies

Analogous

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



132.4470, 19.0066, 17.1480



131.8600, 5.9850, 40.4648



130.4300, -8.5930, 49.6119

Triad

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



131.8600, 5.9850, 40.4648



124.8180, -27.5183, 6.2986



102.8480, 33.5989, -90.1977

Complementary

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



131.8600, 5.9850, 40.4648



152.1400, -5.9850, -40.4648

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.



100.9440, 21.2266, -88.5279



131.8600, 5.9850, 40.4648



120.5850, -17.5434, -19.8070

Square

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



131.8600, 5.9850, 40.4648



127.4340, -28.3150, 28.5604



113.2680, -0.1321, -51.1010



116.1000, 34.9537, -57.9697

Rectangle

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



131.8600, 5.9850, 40.4648



129.8290, -17.1707, 47.5080



113.2680, -0.1321, -51.1010



102.5230, 29.8152, -89.9127

Sweetspot

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



131.8600, 5.9850, 40.4648



214.0820, 2.4246, 15.7141



124.3740, 26.4376, 13.7040



106.8100, 1.5727, 8.9366



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



131.8600, 5.9850, 40.4648



158.9260, 9.4035, 64.0859



127.7560, -9.7397, 44.0640



83.2610, 0.8573, 5.0331



54.9810, 12.8274, 85.9627



9.2560, 1.8458, 14.6845

Inverse Universe

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



131.8600, 5.9850, 40.4648



158.9260, 9.4035, 64.0859



156.2440, 9.7397, -44.0640



83.2610, 0.8573, 5.0331



54.9810, 12.8274, 85.9627



9.2560, 1.8458, 14.6845

Previews

White Background



This preview shows how the YUV color 131.8600, 5.9850, 40.4648 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 131.8600, 5.9850, 40.4648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

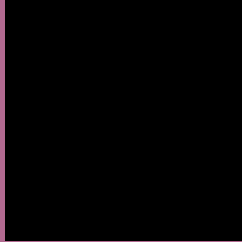
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.8600, 5.9850, 40.4648

Background



This preview shows how black text looks on a background with the YUV color 131.8600, 5.9850, 40.4648.



This preview shows how white text looks on a background with the YUV color 131.8600, 5.9850,

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

131.8600, 5.9850, 40.4648

Protanopia

129.6260, 13.9884, -6.6880

Deuteranopia

130.1130, 5.3673, 5.1629



Tritanopia

131.0480, -5.9397, 38.5459

Trichromacy



Original Color

131.8600, 5.9850, 40.4648

Protanomaly

130.3400, 11.1714, 10.2258

Deuteranomaly

130.6030, 5.6187, 17.8882

Tritanomaly

131.1990, -1.5771, 39.2905

Monochromacy



Original Color

131.8600, 5.9850, 40.4648

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.2560, 1.8458, 14.6845

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.8600, 5.9850, 40.4648 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(178, 106, 144)` looks like.

```
.text, #text, p{  
    color:rgb(178, 106, 144)  
}
```

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(178, 106, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 106, 144) }
```

Border

The CSS property to change the border of an element to YUV 131.8600, 5.9850, 40.4648 is called "border". The border property can be set on classes, ids or directly on the HTML element.

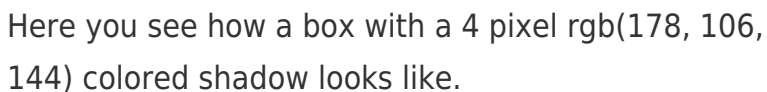
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 106, 144) }
```


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

```
.border{ border-color:rgb(178, 106, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 106, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 106, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 106, 144);  
box-shadow:4px 4px 4px 4px rgb(178, 106,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 131.8600, 5.9850, 40.4648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 106, 144) }
```

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

```
.background{ background-color: rgb(178,  
106, 144) }
```

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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