

Converting Colors

YUV(105.9880, 1.9779, 65.7855)

Have a look what the booklet for
YUV(105.9880, 1.9779, 65.7855)
contains.

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Color

**YUV(105.9880, 1.9779,
65.7855)**

Conversions

Conversions Part 1

Format	Color
Hex	B5436E
RGB	181, 67, 110
RGB Percent	71%, 26%, 43%
CMY	0.2902, 0.7373, 0.5686
CMYK	0.00, 0.63, 0.39, 0.29
HSL	337°, 46%, 49%
HSV	337°, 63%, 71%
XYZ	23.8777, 14.9639, 16.3817
YIQ	105.9880, 54.1410, 37.5410

Conversions

Conversions Part 2

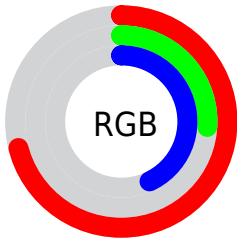
Format	Color
R_{YB}	181, 67, 110
Decimal	11879278
CIE Lab	45.58, 50.04, -0.19
CIE LCh	46, 50.041, 359.780
Yxy	14.9639, 0.4324, 0.2710
Android (android.graphics.Color)	4290069358 (0xFFB5436E)
YUV	105.9880, 1.9779, 65.7855
Hunter-Lab	38.6831, 42.4860, 1.9699

Details

The YUV color **105.9880, 1.9779, 65.7855** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **142.0120, -1.9779, -65.7855**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.1410, -0.0695, 69.1593**, and **44.2580, 9.2398, 69.9337** is the 20% darker color. If you saturate the color by 10%, you get **94.1680, 2.3822, 76.1517**, and if you desaturate by 10%, it is **117.8080, 1.5737, 55.4194**.

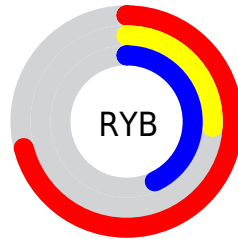
Distribution



Red (71%)

Green (26%)

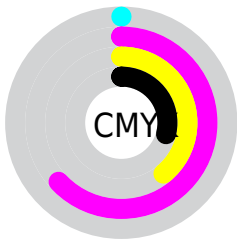
Blue (43%)



Red (71%)

Yellow (26%)

Blue (43%)

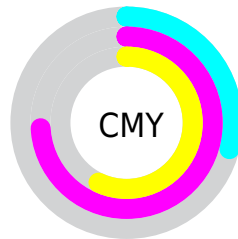


Cyan (0%)

Magenta (63%)

Yellow (39%)

Black (29%)



Cyan (29%)

Magenta (74%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YUV color 105.9880, 1.9779, 65.7855 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 105.9880, 1.9779, 65.7855 by changing the saturation by 10% instead.


 105.9880, 1.9779,
65.7855

 105.9880, 1.9779,
65.7855


255.0000, 0.0000,
0.0000


 78.1450, 3.8725,
64.7708


 161.1410, -0.0695,
69.1593


 44.2580, 9.2398,
69.9337


 184.5530, 1.6994,
61.7820

 33.3780, 3.7576,
54.9195

 204.1810, 5.8268,
44.5683

 22.9110, -1.4351,
40.4201

 223.9230, 10.3910,
27.2545

 12.9710, -5.9017,
26.3354

 242.0860, 6.3666,
11.3256

 0.0000, 0.0000,
0.0000

■ 105.9880, 1.9779,
65.7855

■ 105.9880, 1.9779,
65.7855

■ 94.1680, 2.3822,
76.1517

■ 117.8080, 1.5737,
55.4194

■ 82.2340, 2.3496,
86.6178

■ 129.7420, 1.6062,
44.9533

■ 70.4140, 2.7539,
96.9839

■ 141.5620, 1.2019,
34.5871

■ 61.8710, 3.0216,
104.4761

■ 153.3820, 0.7977,
24.2210

■ 165.7890, 0.1040,
13.3400

■ 177.7230, 0.1366,
2.8739

■ 189.5430, -0.2677,
-7.4922

■ 201.3630, -0.6720,

-17.8584

■ 213.1830, -1.0762,
-28.2245

Harmonies

Analogous

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



110.2420, 20.0937, 41.8838



105.9880, 1.9779, 65.7855



104.8360, -17.6671, 66.7958

Triad

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



105.9880, 1.9779, 65.7855



97.7700, -34.8896, -9.4453



92.7210, 43.0285, -81.3163

Complementary

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



105.9880, 1.9779, 65.7855



142.0120, -1.9779, -65.7855

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.



91.4210, 27.8934, -80.1762



105.9880, 1.9779, 65.7855



84.2700, -9.9931, -61.6268

Square

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



105.9880, 1.9779, 65.7855



101.8190, -45.7598, 23.8377



86.6330, 9.5479, -75.9771



88.2190, 51.1640, -77.3681

Rectangle

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



105.9880, 1.9779, 65.7855



104.9690, -29.5647, 56.1552



86.6330, 9.5479, -75.9771



92.8690, 38.5186, -81.4461

Sweetspot

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



105.9880, 1.9779, 65.7855



205.3930, 0.7923, 25.9653



100.9260, 39.4765, 31.6369



99.2130, 0.3880, 15.5992



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.



105.9880, 1.9779, 65.7855



117.2730, 3.3164, 103.2466



108.7170, -20.5665, 63.3922



83.1470, 0.4205, 5.1331



52.3590, 2.7810, 88.2622



8.9140, 0.5354, 14.9844

Inverse Universe

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



105.9880, 1.9779, 65.7855



117.2730, 3.3164, 103.2466



139.2830, 20.5665, -63.3922



83.1470, 0.4205, 5.1331



52.3590, 2.7810, 88.2622



8.9140, 0.5354, 14.9844

Previews

White Background



This preview shows how the YUV color 105.9880, 1.9779, 65.7855 looks on a white background.

Color Contrast Check

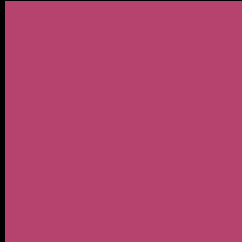
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.9880, 1.9779, 65.7855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

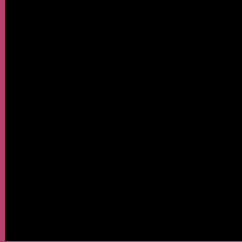
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.9880, 1.9779, 65.7855

Background



This preview shows how black text looks on a background with the YUV color 105.9880, 1.9779, 65.7855.

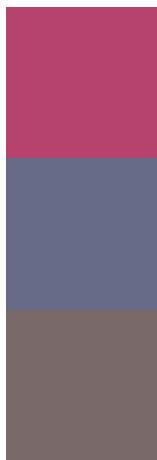


This preview shows how white text looks on a background with the YUV color 105.9880, 1.9779,

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

105.9880, 1.9779, 65.7855

Protanopia

109.2840, 12.6780, -6.3881

Deuteranopia

109.6700, -2.7953, 9.9364



Tritanopia

105.9650, -13.2937, 64.0517

Trichromacy



Original Color

105.9880, 1.9779, 65.7855

Protanomaly

108.1240, 8.8129, 20.0623

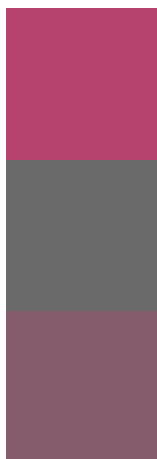
Deuteranomaly

108.2580, -1.1132, 30.4687

Tritanomaly

105.7570, -7.7682, 65.1111

Monochromacy



Original Color

105.9880, 1.9779, 65.7855

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.9690, 0.5083, 23.7062

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.9880, 1.9779, 65.7855 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(181, 67, 110)` looks like.

```
.text, #text, p{  
    color:rgb(181, 67, 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(181, 67, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 67, 110) }
```

Border

The CSS property to change the border of an element to YUV 105.9880, 1.9779, 65.7855 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(181, 67, 110) }
```


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

```
.border{ border-color:rgb(181, 67, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 67, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 67, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 67, 110);  
box-shadow:4px 4px 4px 4px rgb(181, 67,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 105.9880, 1.9779, 65.7855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 67, 110) }
```

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

```
.background{ background-color: rgb(181, 67,  
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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