

Converting Colors

YUV(118.4660, 26.8853,
10.1153)

Have a look what the booklet for
YUV(118.4660, 26.8853, 10.1153)
contains.

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Color

**YUV(118.4660, 26.8853,
10.1153)**

Conversions

Conversions Part 1

Format	Color
Hex	8266AD
RGB	130, 102, 173
RGB Percent	51%, 40%, 68%
CMY	0.4902, 0.6000, 0.3216
CMYK	0.25, 0.41, 0.00, 0.32
HSL	264°, 30%, 54%
HSV	264°, 41%, 68%
XYZ	21.5001, 17.2657, 41.7346
YIQ	118.4660, -6.1030, 28.0170

Conversions

Conversions Part 2

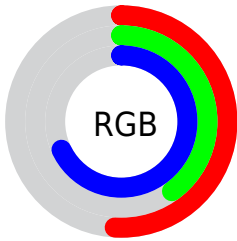
Format	Color
R_{YB}	130, 102, 173
Decimal	8545965
CIE _{Lab}	48.59, 26.23, -33.91
CIE _{LCh}	49, 42.876, 307.723
Yxy	17.2657, 0.2671, 0.2145
Android (android.graphics.Color)	4286736045 (0xFF8266AD)
YUV	118.4660, 26.8853, 10.1153
Hunter-Lab	41.5520, 19.6446, -30.4641

Details

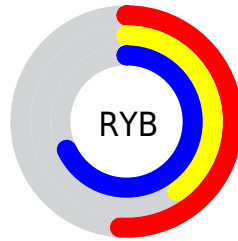
The YUV color **118.4660, 26.8853, 10.1153** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **156.5340, -26.8853, -10.1153**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.9330, 28.6270, 11.4598**, and **68.9990, 25.1435, 8.7709** is the 20% darker color. If you saturate the color by 10%, you get **105.4970, 33.2790, 12.7191**, and if you desaturate by 10%, it is **131.4350, 20.4915, 7.5115**.

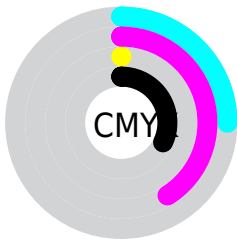
Distribution



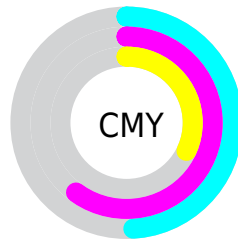
- Red (51%)
- Green (40%)
- Blue (68%)



- Red (51%)
- Yellow (40%)
- Blue (68%)



- Cyan (25%)
- Magenta (41%)
- Yellow (0%)
- Black (32%)




- Cyan (49%)
- Magenta (60%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.4660, 26.8853, 10.1153 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 118.4660, 26.8853, 10.1153 by changing the saturation by 10% instead.


 118.4660, 26.8853,
10.1153


 118.4660, 26.8853,
10.1153


255.0000, 0.0000,
0.0000


 93.5260, 25.8697,
9.1857


 170.9330, 28.6270,
11.4598

 68.9990, 25.1435,
8.7709


 198.1180, 28.0428,
12.1745


 45.7600, 24.2753,
7.2265

 223.2250, 15.6651,
15.5887

 23.2220, 23.5546,
5.0673

 243.8470, 5.4984,
9.7812

 7.2660, 20.0819,
-1.1103

 3.5510, 11.0674,
-3.1142

 0.0000, 0.0000,

0.0000

■ 118.4660, 26.8853,
10.1153

■ 118.4660, 26.8853,
10.1153

■ 105.4970, 33.2790,
12.7191

■ 131.4350, 20.4915,
7.5115

■ 91.6420, 40.1095,
15.2230

■ 145.2900, 13.6610,
5.0077

■ 78.6730, 46.5032,
17.8268

■ 158.2590, 7.2673,
2.4039

■ 65.4050, 53.0443,
19.8158

■ 171.5270, 0.7262,
0.4148

■ 52.4360, 59.4381,
22.4196

■ 185.0830, -5.9569,
-2.7038

■ 40.0540, 65.5424,
24.5086

■ 198.3510,
-12.4980, -4.6928

■ 211.3200,
-18.8918, -7.2966

■ 224.5880,
-25.4329, -9.2857

■ 236.3830,
-31.2478, -10.8599

Harmonies

Analogous

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



108.8450, 38.5304, -38.4521



118.4660, 26.8853, 10.1153



118.0050, 12.8155, 42.9686

Triad

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



118.4660, 26.8853, 10.1153



113.6480, -32.8575, 38.8967



92.2070, 15.6739, -80.8655

Complementary

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



118.4660, 26.8853, 10.1153



156.5340, -26.8853, -10.1153

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.



95.1870, -4.0362, -58.9230



118.4660, 26.8853, 10.1153



111.0980, -35.5443, 13.9461

Square

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



118.4660, 26.8853, 10.1153



114.3740, -20.3974, 55.8000



106.5440, -25.4112, -16.2631



95.6100, 31.2513, -83.8500

Rectangle

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



118.4660, 26.8853, 10.1153



116.5090, 1.7211, 54.8046



106.5440, -25.4112, -16.2631



90.7250, 9.9956, -79.5658

Sweetspot

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



118.4660, 26.8853, 10.1153



203.3670, 10.1721, 4.0631



135.9220, 18.2795, -29.7496



99.9170, 5.9569, 2.7038



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



118.4660, 26.8853, 10.1153



139.6960, 41.5619, 16.0526



128.9310, 21.7260, 31.6325



79.9230, 3.4890, 0.9445



34.7410, 56.8227, 21.2751



5.3130, 8.7197, 3.2335

Inverse Universe

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



128.1310, 8.3164, 39.3501



154.5280, 13.0507, 60.9269



146.0690, -21.7260, -31.6325



81.2610, 0.8573, 5.0331



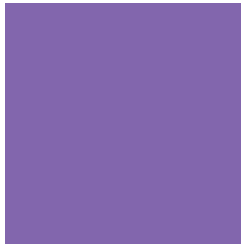
55.2240, 17.6376, 83.1186



8.4730, 2.7248, 12.7402

Previews

White Background



This preview shows how the YUV color 118.4660, 26.8853, 10.1153 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 118.4660, 26.8853, 10.1153 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 118.4660, 26.8853, 10.1153

Background



This preview shows how black text looks on a background with the YUV color 118.4660, 26.8853, 10.1153.

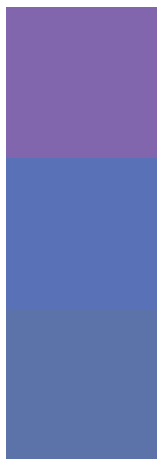


This preview shows how white text looks on a background with the YUV color 118.4660, 26.8853,

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

118.4660, 26.8853, 10.1153

Protanopia

113.8040, 34.1136, -21.7531

Deuteranopia

114.3930, 27.4143, -19.6387



Tritanopia

116.4180, 2.7519, 4.0184

Trichromacy



Original Color

118.4660, 26.8853, 10.1153

Protanomaly

115.4850, 31.3129, -10.0723

Deuteranomaly

115.7580, 27.2343, -8.5578

Tritanomaly

117.1330, 11.7664, 6.0224

Monochromacy



Original Color

118.4660, 26.8853, 10.1153

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9540, 9.8827, 3.5483

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.4660, 26.8853, 10.1153 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(130, 102, 173)` looks like.

```
.text, #text, p{  
    color:rgb(130, 102, 173)  
}
```

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(130, 102, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 102, 173) }
```

Border

The CSS property to change the border of an element to YUV 118.4660, 26.8853, 10.1153 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(130, 102, 173) }
```


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

```
.border{ border-color:rgb(130, 102, 173) }
```

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

Here you see how a box with a 4 pixel rgb(130, 102, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 102, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 102, 173);  
box-shadow:4px 4px 4px 4px rgb(130, 102,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 118.4660, 26.8853, 10.1153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 102, 173) }
```

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

```
.background{ background-color: rgb(130,  
102, 173) }
```

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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