

Converting Colors

YUV(171.4770, 26.8798,
11.8597)

Have a look what the booklet for
YUV(171.4770, 26.8798, 11.8597)
contains.

YUV(171.4770, 26.8798, 11.8597)	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(171.4770, 26.8798,
11.8597)**

Conversions

Conversions Part 1

Format	Color
Hex	B99AE2
RGB	185, 154, 226
RGB Percent	73%, 60%, 89%
CMY	0.2745, 0.3961, 0.1137
CMYK	0.18, 0.32, 0.00, 0.11
HSL	266°, 55%, 75%
HSV	266°, 32%, 89%
XYZ	45.2907, 38.9165, 77.0761
YIQ	171.4770, -4.6360, 28.9640

Conversions

Conversions Part 2

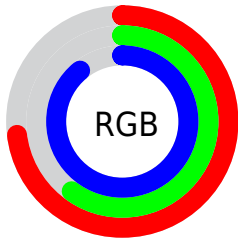
Format	Color
R _Y B	185, 154, 226
Decimal	12163810
CIE Lab	68.69, 25.49, -32.23
CIE LCh	69, 41.088, 308.342
Yxy	38.9165, 0.2808, 0.2413
Android (android.graphics.Color)	4290353890 (0xFFB99AE2)
YUV	171.4770, 26.8798, 11.8597
Hunter-Lab	62.3831, 20.4222, -29.5863

Details

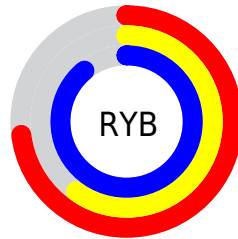
The YUV color **171.4770, 26.8798, 11.8597** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **208.5230, -26.8798, -11.8597**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.1110, 15.2283, 15.6887**, and **119.0100, 25.1381, 10.5152** is the 20% darker color. If you saturate the color by 10%, you get **154.0890, 35.4521, 15.7079**, and if you desaturate by 10%, it is **188.8650, 18.3076, 8.0114**.

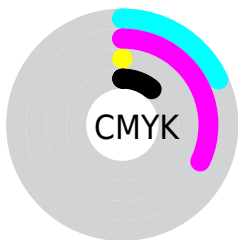
Distribution



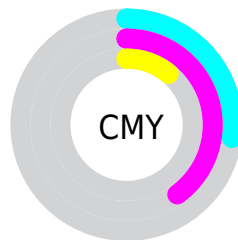
- Red (73%)
- Green (60%)
- Blue (89%)



- Red (73%)
- Yellow (60%)
- Blue (89%)



- Cyan (18%)
- Magenta (32%)
- Yellow (0%)
- Black (11%)



- Cyan (27%)
- Magenta (40%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.4770, 26.8798, 11.8597 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 171.4770, 26.8798, 11.8597 by changing the saturation by 10% instead.

■ 171.4770, 26.8798,
11.8597

■ 171.4770, 26.8798,
11.8597

255.0000, 0.0000,
0.0000

■ 144.9500, 26.1537,
11.4449

■ 224.1110, 15.2283,
15.6887

■ 119.0100, 25.1381,
10.5152

■ 244.4340, 5.2090,
9.2664

■ 93.5970, 24.8487,
10.0004

■ 69.6570, 23.8331,
9.0708

■ 46.4180, 22.9649,
7.5264

■ 24.1790, 22.0968,
5.9820

■ 7.9350, 18.7660,

0.9340

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 171.4770, 26.8798,
11.8597

■ 171.4770, 26.8798,
11.8597

■ 154.0890, 35.4521,
15.7079

■ 188.8650, 18.3076,
8.0114

■ 137.2880, 43.7350,
19.0414

■ 205.6660, 10.0247,
4.6779

■ 119.9000, 52.3073,
22.8897

■ 223.0540, 1.4524,
0.8296

■ 103.3980, 60.4428,
26.8380

■ 239.5560, -6.6831,
-3.1186

■ 86.0100, 69.0151,
30.6862

■ 249.9000,
-11.7827, -0.7893

■ 68.6220, 77.5874,
34.5345

■ 251.6940,
-12.6671, 2.8994

■ 54.7670, 84.4179,
37.0383

Harmonies

Analogous

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



164.6610, 37.6351, -31.2747



171.4770, 26.8798, 11.8597



172.0760, 11.7945, 43.7833

Triad

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



171.4770, 26.8798, 11.8597



166.8440, -33.4471, 41.3558



134.4320, 20.9860, -104.7419

Complementary

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



171.4770, 26.8798, 11.8597



208.5230, -26.8798, -11.8597

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.



152.2480, -6.5313, -51.9605



171.4770, 26.8798, 11.8597



163.9240, -34.9655, 14.9757

Square

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



171.4770, 26.8798, 11.8597



168.8150, -22.5868, 58.0442



159.5440, -25.4112, -16.2631



132.8770, 39.5006, -116.5331

Rectangle

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



171.4770, 26.8798, 11.8597



171.0640, -0.0316, 56.9489



159.5440, -25.4112, -16.2631



143.7140, 10.0010, -81.3102

Sweetspot

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



171.4770, 26.8798, 11.8597



235.8400, 9.4459, 3.6483



186.8620, 19.2950, -28.8200



115.9170, 5.9569, 2.7038



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



171.4770, 26.8798, 11.8597



181.6160, 36.1783, 16.1228



181.9420, 21.7206, 33.3769



103.7490, 4.0677, 1.9741



42.7880, 65.6735, 29.1269



11.7510, 17.8708, 8.1114

Inverse Universe

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



180.2020, 7.2954, 40.1648



193.2730, 9.7254, 54.1346



198.0580, -21.7206, -33.3769



104.9730, 0.9993, 6.1627



64.0240, 17.7362, 98.2030



17.5440, 5.1548, 26.7099

Previews

White Background



This preview shows how the YUV color 171.4770, 26.8798, 11.8597 looks on a white background.

Color Contrast Check

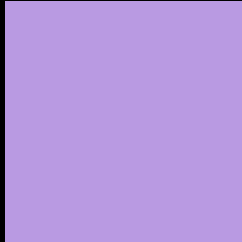
Large Text (above 18pt) WCAG AA × Fail

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 171.4770, 26.8798, 11.8597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

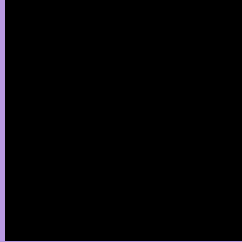
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.4770, 26.8798, 11.8597

Background



This preview shows how black text looks on a background with the YUV color 171.4770, 26.8798, 11.8597.



This preview shows how white text looks on a background with the YUV color 171.4770, 26.8798, 11.8597.

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

171.4770, 26.8798, 11.8597

Protanopia

167.2990, 33.3766, -18.6792

Deuteranopia

168.1380, 27.5400, -13.2760



Tritanopia

169.3690, 3.7621, 6.6924

Trichromacy



Original Color

171.4770, 26.8798, 11.8597

Protanomaly

168.7950, 31.1601, -7.7132

Deuteranomaly

169.4920, 27.3654, -3.9395

Tritanomaly

169.9700, 12.3398, 8.7963

Monochromacy



Original Color

171.4770, 26.8798, 11.8597

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.2530, 9.7353, 4.1631

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.4770, 26.8798, 11.8597 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(185, 154, 226)` looks like.

```
.text, #text, p{  
    color:rgb(185, 154, 226)  
}
```

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(185, 154, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 154, 226) }
```

Border

The CSS property to change the border of an element to YUV 171.4770, 26.8798, 11.8597 is called "border". The border property can be set on classes, ids or directly on the HTML element.

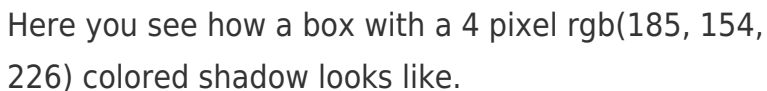
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 154, 226) }
```


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

```
.border{ border-color:rgb(185, 154, 226) }
```

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



Here you see how a box with a 4 pixel rgb(185, 154, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 154, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 154, 226);  
box-shadow:4px 4px 4px 4px rgb(185, 154,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 171.4770, 26.8798, 11.8597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 154, 226) }
```

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

```
.background{ background-color: rgb(185,  
154, 226) }
```

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