

Converting Colors

YUV(176.4590, 10.6197, 0.4745)

Have a look what the booklet for
YUV(176.4590, 10.6197, 0.4745)
contains.

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Color

**YUV(176.4590, 10.6197,
0.4745)**

Conversions

Conversions Part 1

Format	Color
Hex	B1ACC6
RGB	177, 172, 198
RGB Percent	69%, 67%, 78%
CMY	0.3059, 0.3255, 0.2235
CMYK	0.11, 0.13, 0.00, 0.22
HSL	252°, 19%, 73%
HSV	252°, 13%, 78%
XYZ	43.0770, 42.9294, 59.4419
YIQ	176.4590, -5.3660, 9.1460

Conversions

Conversions Part 2

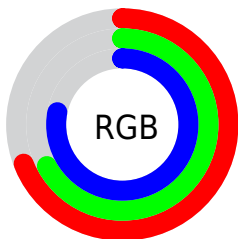
Format	Color
R _Y B	177, 172, 198
Decimal	11644102
CIE Lab	71.51, 6.88, -12.58
CIE LCh	72, 14.342, 298.668
Yxy	42.9294, 0.2962, 0.2952
Android (android.graphics.Color)	4289834182 (0xFFB1ACC6)
YUV	176.4590, 10.6197, 0.4745
Hunter-Lab	65.5205, 2.6955, -7.9250

Details

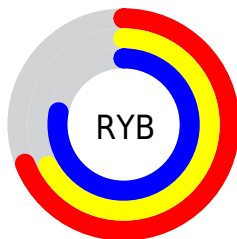
The YUV color $176.4590, 10.6197, 0.4745$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $193.5410, -10.6197, -0.4745$, and the grayscale version is $176.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $231.9860, 11.3459, 0.8893$, and $123.9320, 9.8935, 0.0596$ is the 20% darker color. If you saturate the color by 10%, you get $159.9350, 18.7660, 0.9340$, and if you desaturate by 10%, it is $192.9830, 2.4734, 0.0149$.

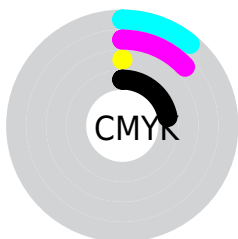
Distribution



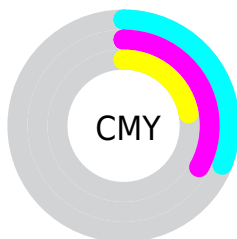
- Red (69%)
- Green (67%)
- Blue (78%)



- Red (69%)
- Yellow (67%)
- Blue (78%)



- Cyan (11%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)



- Cyan (31%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.4590, 10.6197, 0.4745 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 176.4590, 10.6197, 0.4745 by changing the saturation by 10% instead.

■ 176.4590, 10.6197,
0.4745

■ 176.4590, 10.6197,
0.4745

255.0000, 0.0000,
0.0000

■ 149.4590, 10.6197,
0.4745

■ 231.9860, 11.3459,
0.8893

■ 123.9320, 9.8935,
0.0596

■ 98.9320, 9.8935,
0.0596

■ 74.8180, 9.4567,
0.1596

■ 52.2910, 8.7305,
-0.2552

■ 31.1770, 8.2937,
-0.1552

■ 6.3560, 10.1775,

2.3188

0.0000, 0.0000,
0.0000

176.4590, 10.6197,
0.4745

176.4590, 10.6197,
0.4745

159.9350, 18.7660,
0.9340

192.9830, 2.4734,
0.0149

143.4110, 26.9124,
1.3936

209.5070, -5.6730,
-0.4446

127.4740, 34.7693,
1.3383

225.4440,
-13.5299, -0.3894

110.9500, 42.9157,
1.7979

241.9680,
-21.6762, -0.8489

94.4260, 51.0620,
2.2574

248.5020,
-24.8975, 5.6987

■ 77.9020, 59.2083,
2.7169

■ 61.3780, 67.3546,
3.1765

■ 45.4410, 75.2116,
3.1212

■ 33.9340, 80.8845,
3.5659

Harmonies

Analogous

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



174.0660, 13.2785, -12.3359



176.4590, 10.6197, 0.4745



177.5700, 5.6350, 12.6551

Triad

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



176.4590, 10.6197, 0.4745



176.4340, -11.5530, 18.9134



170.9110, 1.5229, -21.8469

Complementary

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



176.4590, 10.6197, 0.4745



193.5410, -10.6197, -0.4745

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.



171.5440, -5.1982, -12.7551



176.4590, 10.6197, 0.4745



174.7380, -12.6888, 9.8768

Square

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



176.4590, 10.6197, 0.4745



177.3080, -7.0538, 22.5319



173.2420, -10.4723, -1.0892



170.3110, 8.2277, -25.7057

Rectangle

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



176.4590, 10.6197, 0.4745



178.1640, 1.3981, 18.2732



173.2420, -10.4723, -1.0892



171.3520, -0.6665, -19.6027

Sweetspot

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



176.4590, 10.6197, 0.4745



246.7380, 4.0732, 0.2298



187.2910, 5.2795, -13.4102



122.0970, 2.9102, -0.0851



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.



176.4590, 10.6197, 0.4745



221.0660, 16.7295, 0.8191



180.3460, 8.7034, 8.4666



91.3250, 3.7838, -0.2850



27.8510, 66.6285, 2.7617



6.1970, 14.6929, 0.7042

Inverse Universe

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



182.1680, 5.3402, 13.8847



230.0210, 8.3706, 21.9066



189.6540, -8.7034, -8.4666



93.6030, 2.1677, 4.7332



63.7850, 33.6300, 87.0116



14.0700, 7.3605, 19.2326

Previews

White Background



This preview shows how the YUV color 176.4590, 10.6197, 0.4745 looks on a white background.

Color Contrast Check

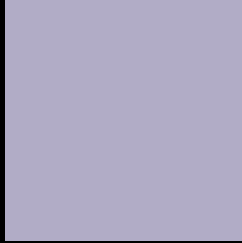
Large Text (above 18pt) WCAG AA × Fail

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 176.4590, 10.6197, 0.4745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

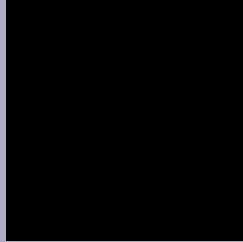
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.4590, 10.6197, 0.4745

Background



This preview shows how black text looks on a background with the YUV color 176.4590, 10.6197, 0.4745.



This preview shows how white text looks on a background with the YUV color 176.4590, 10.6197,

0.4745.

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

176.4590, 10.6197, 0.4745

Protanopia

175.9530, 11.3622, -4.3438

Deuteranopia

177.0680, 10.3195, 3.4484



Tritanopia

175.8950, 5.9678, -0.7849

Trichromacy



Original Color

176.4590, 10.6197, 0.4745

Protanomaly

175.9640, 11.3567, -2.5994

Deuteranomaly

176.7690, 10.4669, 2.8336

Tritanomaly

176.0630, 7.8569, -0.0553

Monochromacy



Original Color

176.4590, 10.6197, 0.4745

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.3250, 3.7838, -0.2850

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.4590, 10.6197, 0.4745 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(177, 172, 198)` looks like.

```
.text, #text, p{  
    color:rgb(177, 172, 198)  
}
```

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(177, 172, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 172, 198) }
```

Border

The CSS property to change the border of an element to YUV 176.4590, 10.6197, 0.4745 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(177, 172, 198) }
```


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

```
.border{ border-color:rgb(177, 172, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 172, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 172, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 172, 198);  
box-shadow:4px 4px 4px 4px rgb(177, 172,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 176.4590, 10.6197, 0.4745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 172, 198) }
```

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

```
.background{ background-color: rgb(177,  
172, 198) }
```

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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