

Converting Colors

YUV(176.1660, -28.6758,
4.2394)

Have a look what the booklet for
YUV(176.1660, -28.6758, 4.2394)
contains.

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Color

**YUV(176.1660, -28.6758,
4.2394)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B976
RGB	181, 185, 118
RGB Percent	71%, 73%, 46%
CMY	0.2902, 0.2745, 0.5373
CMYK	0.02, 0.00, 0.36, 0.27
HSL	64°, 32%, 59%
HSV	64°, 36%, 73%
XYZ	39.6750, 45.8297, 23.8945
YIQ	176.1660, 19.1230, -21.6850

Conversions

Conversions Part 2

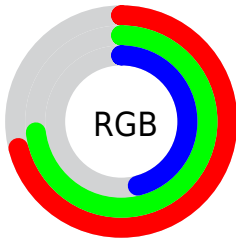
Format	Color
R_{YB}	118, 185, 122
Decimal	11909494
CIE _{Lab}	73.43, -11.82, 33.56
CIE _{LCh}	73, 35.582, 109.399
Yxy	45.8297, 0.3627, 0.4189
Android (android.graphics.Color)	4290099574 (0xFFB5B976)
YUV	176.1660, -28.6758, 4.2394
Hunter-Lab	67.6976, -13.8587, 26.4614

Details

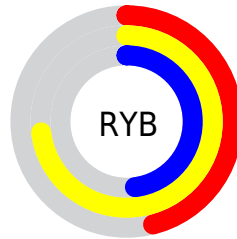
The YUV color **176.1660, -28.6758, 4.2394** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **126.8340, 28.6758, -4.2394**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.1230, -30.1336, 5.1541**, and **123.2090, -27.2180, 3.3247** is the 20% darker color. If you saturate the color by 10%, you get **173.8150, -36.3908, 5.4242**, and if you desaturate by 10%, it is **178.6310, -20.5241, 2.9546**.

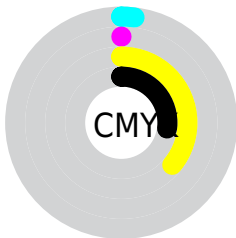
Distribution



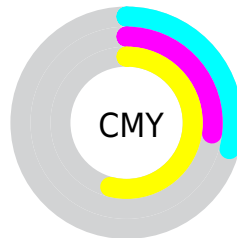
- Red (71%)
- Green (73%)
- Blue (46%)



- Red (46%)
- Yellow (73%)
- Blue (48%)



- Cyan (2%)
- Magenta (0%)
- Yellow (36%)
- Black (27%)



- Cyan (29%)
- Magenta (27%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.1660, -28.6758, 4.2394 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 176.1660, -28.6758, 4.2394 by changing the saturation by 10% instead.

■ 176.1660,
-28.6758, 4.2394

■ 176.1660,
-28.6758, 4.2394

255.0000, 0.0000,
0.0000

■ 149.3940,
-27.8022, 4.0395

■ 232.1230,
-30.1336, 5.1541

■ 123.2090,
-27.2180, 3.3247

■ 248.5020,
-24.8975, 5.6987

■ 98.1380, -26.1970,
2.5100

■ 251.8080,
-12.2303, 2.7994

■ 73.8390, -26.0496,
1.8952

■ 50.7680, -25.0286,
1.0805

■ 30.9770, -15.2717,
-1.7338

■ 11.1530, -5.4984,

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 176.1660,
-28.6758, 4.2394

■ 176.1660,
-28.6758, 4.2394

■ 173.8150,
-36.3908, 5.4242

■ 178.6310,
-20.5241, 2.9546

■ 171.3500,
-44.5425, 6.7091

■ 180.9820,
-12.8091, 1.7698

■ 168.9990,
-52.2575, 7.8939

■ 183.4470, -4.6574,
0.4850

■ 166.5340,
-60.4093, 9.1787

■ 185.7980, 3.0576,
-0.6998

■ 163.8840,
-67.9768, 9.7487

■ 188.5620, 11.0619,
-1.3699

■ 161.4190,
-76.1286, 11.0335

■ 190.9130, 18.7769,
-2.5547

■ 160.6210,
-79.1862, 11.7334

■ 193.3780, 26.9286,
-3.8395

■ 194.4750, 29.8388,
-3.9246

■ 194.7740, 29.6914,
-3.3098

Harmonies

Analogous

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



179.0490, -31.0832, 29.7750



176.1660, -28.6758, 4.2394



171.9650, -17.2377, -24.5253

Triad

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



176.1660, -28.6758, 4.2394



161.8000, 33.1296, -79.6316



185.0240, 3.9322, 45.5830

Complementary

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



176.1660, -28.6758, 4.2394



126.8340, 28.6758, -4.2394

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.



185.0670, 18.7010, 21.8662



176.1660, -28.6758, 4.2394



172.5680, 35.2160, -48.7331

Square

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



176.1660, -28.6758, 4.2394



159.7710, 20.3259, -79.6062



181.1320, 30.0079, -11.5168



183.0670, -11.3720, 54.3152

Rectangle

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



176.1660, -28.6758, 4.2394



167.8190, -5.8268, -44.5683



181.1320, 30.0079, -11.5168



185.3590, 9.1900, 39.1502

Sweetspot

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



176.1660, -28.6758, 4.2394



236.3240, -11.4987, 1.4699



139.7940, -10.7444, 39.6457



117.8770, -6.8414, 0.9849



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



176.1660, -28.6758, 4.2394



226.4640, -44.1058, 6.6091



166.2990, -23.8114, -16.0482



90.6750, -3.7838, 0.2850



135.2260, -66.6664, 9.4488



24.2100, -11.9355, 1.5698

Inverse Universe

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



126.8340, 28.6758, -4.2394



150.5360, 44.1058, -6.6091



136.7010, 23.8114, 16.0482



84.0260, 3.9312, -0.8998



20.4750, 66.8138, -10.0636



3.7900, 11.9355, -1.5698

Previews

White Background



This preview shows how the YUV color 176.1660, -28.6758, 4.2394 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 176.1660, -28.6758, 4.2394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

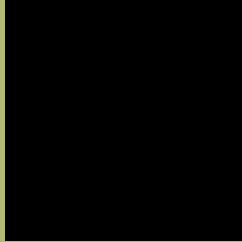
Any Text WCAG AA ✓ Pass

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 176.1660, -28.6758, 4.2394 Background



This preview shows how black text looks on a background with the YUV color 176.1660, -28.6758, 4.2394.



This preview shows how white text looks on a background with the YUV color 176.1660, -28.6758,

4.2394.

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

176.1660, -28.6758, 4.2394

Protanopia

177.4880, -30.3136, 16.2350

Deuteranopia

179.3420, -28.7626, 32.1491



Tritanopia

181.7820, 4.0515, 7.2072

Trichromacy



Original Color

176.1660, -28.6758, 4.2394

Protanomaly

177.2810, -29.7185, 12.0316

Deuteranomaly

178.2760, -28.7301, 21.6829

Tritanomaly

179.6820, -7.7312, 6.4179

Monochromacy



Original Color

176.1660, -28.6758, 4.2394

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.9650, -10.3357, 1.7847

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.1660, -28.6758, 4.2394 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, 185, 118)` looks like.

```
.text, #text, p{  
    color:rgb(181, 185, 118)  
}
```

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, 185, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 185, 118) }
```

Border

The CSS property to change the border of an element to YUV 176.1660, -28.6758, 4.2394 is called "border". The border property can be set on classes, ids or directly on the HTML element.

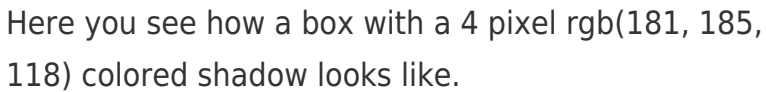
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 185, 118) }
```


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

```
.border{ border-color:rgb(181, 185, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 185, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 185, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 185, 118); box-shadow:4px 4px 4px 4px rgb(181, 185, 118) }
```

Background

The CSS property to change the background color of an element to YUV 176.1660, -28.6758, 4.2394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 185, 118) }
```

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

```
.background{ background-color: rgb(181,  
185, 118) }
```

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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