

Converting Colors

YUV(176.1040, 19.1757, 9.5558)

Have a look what the booklet for
YUV(176.1040, 19.1757, 9.5558)
contains.

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Color

**YUV(176.1040, 19.1757,
9.5558)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA3D7
RGB	187, 163, 215
RGB Percent	73%, 64%, 84%
CMY	0.2667, 0.3608, 0.1569
CMYK	0.13, 0.24, 0.00, 0.16
HSL	268°, 39%, 74%
HSV	268°, 24%, 84%
XYZ	45.8565, 41.6655, 69.9153
YIQ	176.1040, -2.3880, 21.2600

Conversions

Conversions Part 2

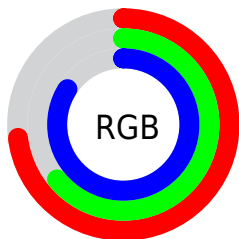
Format	Color
R _Y B	187, 163, 215
Decimal	12297175
CIE Lab	70.64, 18.71, -23.17
CIE LCh	71, 29.776, 308.923
Yxy	41.6655, 0.2913, 0.2646
Android (android.graphics.Color)	4290487255 (0xFFBBA3D7)
YUV	176.1040, 19.1757, 9.5558
Hunter-Lab	64.5488, 13.8487, -19.0351

Details

The YUV color **176.1040, 19.1757, 9.5558** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **201.8960, -19.1757, -9.5558**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.9920, 12.3289, 12.2850**, and **123.1640, 18.1601, 8.6262** is the 20% darker color. If you saturate the color by 10%, you get **160.1890, 27.0218, 12.9892**, and if you desaturate by 10%, it is **192.6060, 11.0402, 5.6075**.

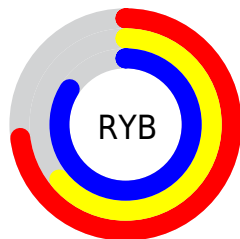
Distribution



Red (73%)

Green (64%)

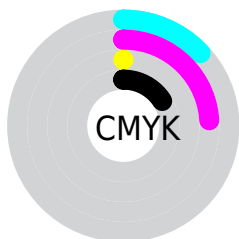
Blue (84%)



Red (73%)

Yellow (64%)

Blue (84%)

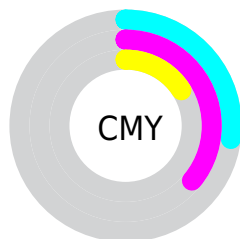


Cyan (13%)

Magenta (24%)

Yellow (0%)

Black (16%)



Cyan (27%)


Magenta (36%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 176.1040, 19.1757, 9.5558 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 176.1040, 19.1757, 9.5558 by changing the saturation by 10% instead.


 176.1040, 19.1757,
9.5558

 176.1040, 19.1757,
9.5558


255.0000, 0.0000,
0.0000


 149.5770, 18.4495,
9.1410


 229.9920, 12.3289,
12.2850


 123.1640, 18.1601,
8.6262

 250.3040, 2.3151,
4.1184

 98.6370, 17.4340,
8.2114

 74.1100, 16.7078,
7.7965

 51.2840, 16.1290,
6.7669

 29.4580, 15.5502,
5.7373

 10.1270, 14.2344,

7.7816

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 176.1040, 19.1757,
9.5558

■ 176.1040, 19.1757,
9.5558

■ 160.1890, 27.0218,
12.9892

■ 192.6060, 11.0402,
5.6075

■ 143.9860, 35.0099,
17.5523

■ 208.2220, 3.3416,
1.5593

■ 128.0710, 42.8560,
20.9857

■ 224.1370, -4.5045,
-1.8741

■ 111.8680, 50.8441,
25.5488

■ 240.3400,
-12.4926, -6.4372

■ 95.3660, 58.9796,
29.4970

■ 247.4500,
-15.9978, -2.1486

■ 79.7500, 66.6783,
33.5453

■ 250.4400,
-17.4719, 3.9991

■ 63.2480, 74.8137,
37.4935

■ 54.1110, 79.3183,
39.3677

Harmonies

Analogous

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



172.1650, 26.5407, -19.4387



176.1040, 19.1757, 9.5558



176.9730, 7.9013, 32.4727

Triad

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



176.1040, 19.1757, 9.5558



173.3680, -24.8314, 31.2493



159.2810, 10.2145, -56.3744

Complementary

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



176.1040, 19.1757, 9.5558



201.8960, -19.1757, -9.5558

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.



162.9880, -5.4171, -35.9465



176.1040, 19.1757, 9.5558



170.7200, -25.4980, 11.6466

Square

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



176.1040, 19.1757, 9.5558



174.5080, -17.0124, 43.4045



167.1130, -18.2967, -11.5001



158.6790, 23.3293, -62.8625

Rectangle

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



176.1040, 19.1757, 9.5558



176.7370, -0.8563, 41.4497



167.1130, -18.2967, -11.5001



160.6470, 5.1040, -50.5564

Sweetspot

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



176.1040, 19.1757, 9.5558



241.4440, 6.6831, 3.1186



185.9510, 14.3212, -20.1280



119.7490, 4.0677, 1.9741



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.



176.1040, 19.1757, 9.5558



199.6020, 27.3112, 13.5040



183.5790, 15.4906, 24.9252



98.7490, 4.0677, 1.9741



43.1150, 63.0473, 31.4711



10.8820, 15.8342, 7.9965

Inverse Universe

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



181.7400, 4.5652, 29.1690



207.6860, 6.5638, 41.4944



194.4210, -15.4906, -24.9252



99.9730, 0.9993, 6.1627



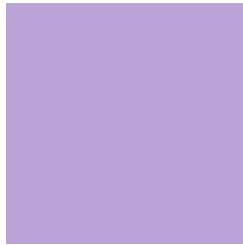
61.6170, 14.9788, 95.9289



15.4790, 3.7079, 24.1359

Previews

White Background



This preview shows how the YUV color 176.1040, 19.1757, 9.5558 looks on a white background.

Color Contrast Check

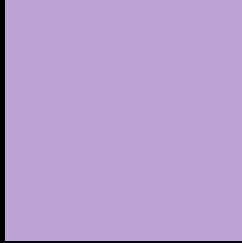
Large Text (above 18pt) WCAG AA × Fail

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 176.1040, 19.1757, 9.5558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

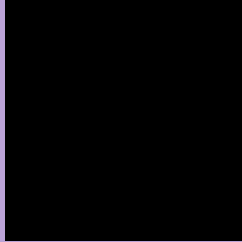
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.1040, 19.1757, 9.5558

Background



This preview shows how black text looks on a background with the YUV color 176.1040, 19.1757, 9.5558.



This preview shows how white text looks on a background with the YUV color 176.1040, 19.1757, 9.5558.

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

176.1040, 19.1757, 9.5558

Protanopia

173.4110, 23.4614, -11.7614

Deuteranopia

174.1300, 19.6559, -4.4990



Tritanopia

174.3690, 3.7621, 6.6924

Trichromacy



Original Color

176.1040, 19.1757, 9.5558

Protanomaly

174.4120, 21.9819, -3.8693

Deuteranomaly

175.0490, 19.2028, 0.8340

Tritanomaly

175.1610, 9.2876, 7.7518

Monochromacy



Original Color

176.1040, 19.1757, 9.5558

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.8570, 6.9725, 3.6334

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.1040, 19.1757, 9.5558 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(187, 163, 215)` looks like.

```
.text, #text, p{  
    color:rgb(187, 163, 215)  
}
```

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(187, 163, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 163, 215) }
```

Border

The CSS property to change the border of an element to YUV 176.1040, 19.1757, 9.5558 is called "border". The border property can be set on classes, ids or directly on the HTML element.

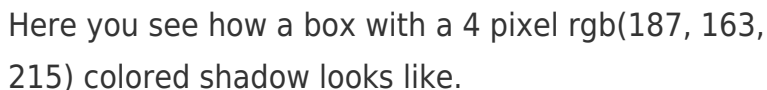
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 163, 215) }
```


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

```
.border{ border-color:rgb(187, 163, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 163, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 163, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 163, 215); box-shadow:4px 4px 4px 4px rgb(187, 163, 215) }
```

Background

The CSS property to change the background color of an element to YUV 176.1040, 19.1757, 9.5558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 163, 215) }
```

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

```
.background{ background-color: rgb(187,  
163, 215) }
```

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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