

Converting Colors

YUV(176.7650, 9.9759, 20.3771)

Have a look what the booklet for
YUV(176.7650, 9.9759, 20.3771)
contains.

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Color

**YUV(176.7650, 9.9759,
20.3771)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A1C5
RGB	200, 161, 197
RGB Percent	78%, 63%, 77%
CMY	0.2157, 0.3686, 0.2275
CMYK	0.00, 0.20, 0.01, 0.22
HSL	305°, 26%, 71%
HSV	305°, 20%, 78%
XYZ	46.6423, 41.8003, 58.4333
YIQ	176.7650, 11.6880, 19.4640

Conversions

Conversions Part 2

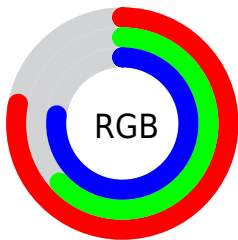
Format	Color
R_{YB}	200, 161, 197
Decimal	13148613
CIE _{Lab}	70.73, 20.53, -12.99
CIE _{LCh}	71, 24.296, 327.683
Yxy	41.8003, 0.3176, 0.2846
Android (android.graphics.Color)	4291338693 (0xFFC8A1C5)
YUV	176.7650, 9.9759, 20.3771
Hunter-Lab	64.6532, 15.6311, -8.3289

Details

The YUV color $176.7650, 9.9759, 20.3771$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $184.2350, -9.9759, -20.3771$, and the grayscale version is $177.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $231.9930, 10.8495, 20.1771$, and $123.9390, 9.3971, 19.3475$ is the 20% darker color. If you saturate the color by 10%, you get $164.7970, 14.8901, 30.8730$, and if you desaturate by 10%, it is $188.7330, 5.0616, 9.8812$.

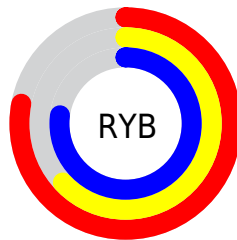
Distribution



Red (78%)

Green (63%)

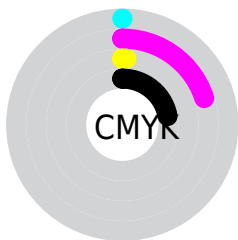
Blue (77%)



Red (78%)

Yellow (63%)

Blue (77%)

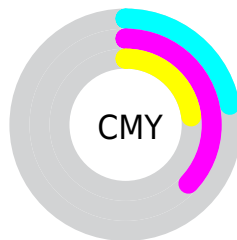


Cyan (0%)

Magenta (20%)

Yellow (1%)

Black (22%)



Cyan (22%)


Magenta (37%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.7650, 9.9759, 20.3771 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 176.7650, 9.9759, 20.3771 by changing the saturation by 10% instead.


 176.7650, 9.9759,
20.3771


 176.7650, 9.9759,
20.3771


255.0000, 0.0000,
0.0000


 150.0530, 9.8339,
19.2475

 231.9930, 10.8495,
20.1771

 123.9390, 9.3971,
19.3475

 249.1300, 2.8939,
5.1480

 99.2270, 9.2551,
18.2179

 74.8140, 8.9657,
17.7031

 51.6890, 8.5343,
16.0587

 29.3900, 8.6817,
15.4440

 11.7490, 7.5187,

15.1291

■ 0.0000, 0.0000,
0.0000

■ 176.7650, 9.9759,
20.3771

■ 176.7650, 9.9759,
20.3771

■ 164.7970, 14.8901,
30.8730

■ 188.7330, 5.0616,
9.8812

■ 152.9430, 20.2411,
41.2690

■ 200.5870, -0.2894,
-0.5148

■ 140.9750, 25.1553,
51.7649

■ 212.5550, -5.2036,
-11.0107

■ 129.1210, 30.5063,
62.1609

■ 224.4090,
-10.5546, -21.4067

■ 117.1530, 35.4206,
72.6568

■ 232.8550,
-13.7325, -28.8138

■ 105.2990, 40.7716,
83.0528

■ 232.9690,
-13.2957, -28.9138

■ 93.3310, 45.6858,
93.5487

■ 233.1970,
-12.4221, -29.1138

■ 81.4770, 51.0368,
103.9447

■ 233.3110,
-11.9853, -29.2137

■ 80.8900, 51.3262,
104.4595

■ 233.5390,
-11.1117, -29.4137

Harmonies

Analogous

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



174.8100, 18.3347, -0.7104



176.7650, 9.9759, 20.3771



176.5080, -0.2504, 33.7575

Triad

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



176.7650, 9.9759, 20.3771



172.1920, -21.2937, 16.4946



163.1880, 14.6973, -47.5229

Complementary

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



176.7650, 9.9759, 20.3771



184.2350, -9.9759, -20.3771

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.



163.8550, 3.0295, -38.4608



176.7650, 9.9759, 20.3771



169.9940, -17.7450, -1.7487

Square

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



176.7650, 9.9759, 20.3771



174.2630, -18.8637, 30.4643



166.8650, -8.8074, -21.8066



166.0560, 21.6644, -42.1451

Rectangle

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



176.7650, 9.9759, 20.3771



175.6950, -7.2446, 37.1015



166.8650, -8.8074, -21.8066



163.5750, 11.0555, -46.1083

Sweetspot

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



176.7650, 9.9759, 20.3771



246.0810, 3.9041, 7.8220



166.3430, 16.5929, -2.0548



122.6030, 2.1677, 4.7332



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.



176.7650, 9.9759, 20.3771



219.7970, 14.8901, 30.8730



174.5990, 1.6767, 22.2767



93.7170, 2.6045, 4.6332



65.9510, 41.9292, 85.1120



14.5260, 9.1077, 18.8327

Inverse Universe

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



176.7650, 9.9759, 20.3771



219.7970, 14.8901, 30.8730



186.4010, -1.6767, -22.2767



93.7170, 2.6045, 4.6332



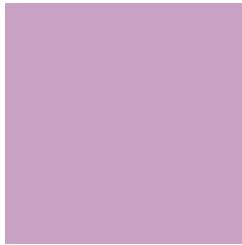
65.9510, 41.9292, 85.1120



14.5260, 9.1077, 18.8327

Previews

White Background



This preview shows how the YUV color 176.7650, 9.9759, 20.3771 looks on a white background.

Color Contrast Check

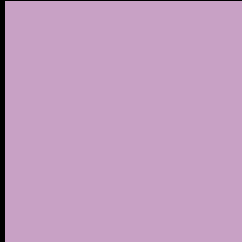
Large Text (above 18pt) WCAG AA × Fail

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 176.7650, 9.9759, 20.3771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

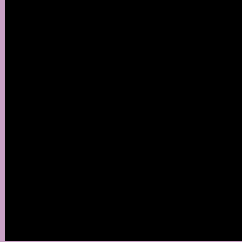
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.7650, 9.9759, 20.3771

Background



This preview shows how black text looks on a background with the YUV color 176.7650, 9.9759, 20.3771.



This preview shows how white text looks on a background with the YUV color 176.7650, 9.9759,

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

176.7650, 9.9759, 20.3771

Protanopia

174.1530, 14.7146, -6.2732

Deuteranopia

175.3670, 10.1721, 4.0631



Tritanopia

175.3490, 0.8139, 18.9879

Trichromacy



Original Color

176.7650, 9.9759, 20.3771

Protanomaly

175.0510, 12.7929, 3.4633

Deuteranomaly

175.6990, 10.0084, 9.9110

Tritanomaly

175.8590, 4.0135, 19.4177

Monochromacy



Original Color

176.7650, 9.9759, 20.3771

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.6680, 3.6147, 7.3072

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.7650, 9.9759, 20.3771 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(200, 161, 197)` looks like.

```
.text, #text, p{  
    color:rgb(200, 161, 197)  
}
```

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(200, 161, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 161, 197) }
```

Border

The CSS property to change the border of an element to YUV 176.7650, 9.9759, 20.3771 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(200, 161, 197) }
```


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

```
.border{ border-color:rgb(200, 161, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 161, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 161, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 161, 197);  
box-shadow:4px 4px 4px 4px rgb(200, 161,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 176.7650, 9.9759, 20.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 161, 197) }
```

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

```
.background{ background-color: rgb(200,  
161, 197) }
```

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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