

Converting Colors

YUV(174.9930, 10.8495,
20.1771)

Have a look what the booklet for
YUV(174.9930, 10.8495, 20.1771)
contains.

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Color

**YUV(174.9930, 10.8495,
20.1771)**

Conversions

Conversions Part 1

Format	Color
Hex	C69FC5
RGB	198, 159, 197
RGB Percent	78%, 62%, 77%
CMY	0.2235, 0.3765, 0.2275
CMYK	0.00, 0.20, 0.01, 0.22
HSL	302°, 25%, 70%
HSV	302°, 20%, 78%
XYZ	45.7649, 40.8333, 58.2929
YIQ	174.9930, 11.0460, 20.0860

Conversions

Conversions Part 2

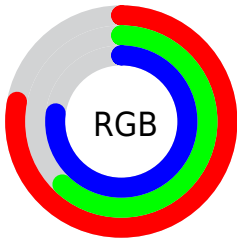
Format	Color
R_{YB}	198, 159, 197
Decimal	13017029
CIE Lab	70.06, 20.95, -14.02
CIE LCh	70, 25.209, 326.207
Yxy	40.8333, 0.3159, 0.2818
Android (android.graphics.Color)	4291207109 (0xFFC69FC5)
YUV	174.9930, 10.8495, 20.1771
Hunter-Lab	63.9009, 16.0125, -9.3560

Details

The YUV color **174.9930, 10.8495, 20.1771** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **182.0070, -10.8495, -20.1771**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.8190, 11.4282, 21.2067**, and **122.1670, 10.2707, 19.1475** is the 20% darker color. If you saturate the color by 10%, you get **163.1390, 16.2005, 30.5731**, and if you desaturate by 10%, it is **186.8470, 5.4984, 9.7812**.

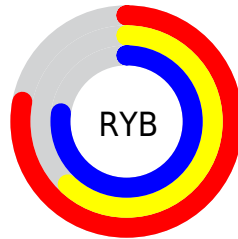
Distribution



Red (78%)

Green (62%)

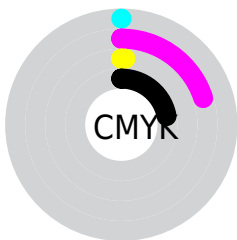
Blue (77%)



Red (78%)

Yellow (62%)

Blue (77%)

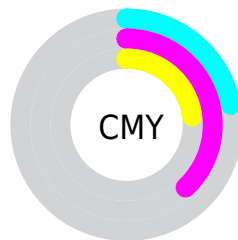


Cyan (0%)

Magenta (20%)

Yellow (1%)

Black (22%)



Cyan (22%)

Magenta (38%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.9930, 10.8495, 20.1771 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 174.9930, 10.8495, 20.1771 by changing the saturation by 10% instead.

■ 174.9930, 10.8495,
20.1771

■ 174.9930, 10.8495,
20.1771

255.0000, 0.0000,
0.0000

■ 148.5800, 10.5601,
19.6623

■ 230.8190, 11.4282,
21.2067

■ 122.1670, 10.2707,
19.1475

■ 247.3690, 3.7621,
6.6924

■ 97.4550, 10.1287,
18.0180

■ 73.0420, 9.8393,
17.5032

■ 50.2160, 9.2605,
16.4736

■ 28.5040, 9.1185,
15.3440

■ 11.4500, 7.6662,

14.5144

■ 0.0000, 0.0000,
0.0000

■ 174.9930, 10.8495,
20.1771

■ 174.9930, 10.8495,
20.1771

■ 163.1390, 16.2005,
30.5731

■ 186.8470, 5.4984,
9.7812

■ 151.3990, 21.9883,
40.8691

■ 198.5870, -0.2894,
-0.5148

■ 140.1320, 27.0499,
50.7502

■ 209.8540, -5.3510,
-10.3960

■ 128.3920, 32.8377,
61.0462

■ 221.5940,
-11.1388, -20.6919

■ 116.5380, 38.1888,
71.4422

■ 231.6870,
-15.6217, -29.5435

■ 104.7980, 43.9766,
81.7382

■ 231.8010,
-15.1849, -29.6435

■ 92.9440, 49.3276,
92.1341

■ 231.9150,
-14.7481, -29.7435

■ 81.7910, 54.8260,
101.9153

■ 81.2040, 55.1154,
102.4301

Harmonies

Analogous

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



172.7390, 19.3557, -1.5251



174.9930, 10.8495, 20.1771



174.9210, 0.0389, 34.2723

Triad

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



174.9930, 10.8495, 20.1771



170.6760, -22.0253, 17.8241



160.8780, 14.8501, -49.8820

Complementary

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



174.9930, 10.8495, 20.1771



182.0070, -10.8495, -20.1771

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.



162.0290, 2.4507, -39.4904



174.9930, 10.8495, 20.1771



168.0650, -18.7660, -0.9340

Square

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



174.9930, 10.8495, 20.1771



172.2740, -18.8691, 32.2087



164.6370, -9.6810, -21.6066



162.9740, 22.6908, -44.7042

Rectangle

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



174.9930, 10.8495, 20.1771



174.2930, -7.5394, 38.3310



164.6370, -9.6810, -21.6066



160.5640, 11.0609, -47.8526

Sweetspot

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



174.9930, 10.8495, 20.1771



246.1950, 4.3409, 7.7220



163.7450, 16.8877, -3.2844



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.



174.9930, 10.8495, 20.1771



218.9650, 16.7793, 31.6027



172.8270, 2.5503, 22.0767



93.7170, 2.6045, 4.6332



66.8630, 45.4235, 84.3121



14.7540, 9.9813, 18.6327

Inverse Universe

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



174.9930, 10.8495, 20.1771



218.9650, 16.7793, 31.6027



184.1730, -2.5503, -22.0767



93.7170, 2.6045, 4.6332



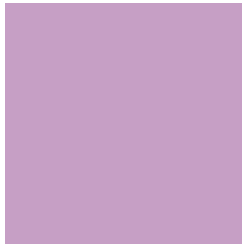
66.8630, 45.4235, 84.3121



14.7540, 9.9813, 18.6327

Previews

White Background



This preview shows how the YUV color 174.9930, 10.8495, 20.1771 looks on a white background.

Color Contrast Check

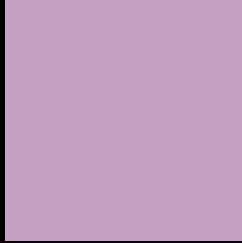
Large Text (above 18pt) WCAG AA × Fail

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 174.9930, 10.8495, 20.1771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

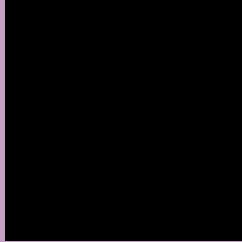
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.9930, 10.8495, 20.1771

Background



This preview shows how black text looks on a background with the YUV color 174.9930, 10.8495, 20.1771.



This preview shows how white text looks on a background with the YUV color 174.9930, 10.8495,

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

174.9930, 10.8495, 20.1771

Protanopia

172.0820, 15.7356, -7.0879

Deuteranopia

173.1820, 10.7563, 3.3484



Tritanopia

173.9360, 0.5246, 18.4731

Trichromacy



Original Color

174.9930, 10.8495, 20.1771

Protanomaly

172.9800, 13.8139, 2.6485

Deuteranomaly

173.9270, 10.8820, 9.7110

Tritanomaly

174.5600, 4.1609, 18.8029

Monochromacy



Original Color

174.9930, 10.8495, 20.1771

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.7820, 4.0515, 7.2072

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.9930, 10.8495, 20.1771 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(198, 159, 197)` looks like.

```
.text, #text, p{  
    color:rgb(198, 159, 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(198, 159, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 159, 197) }
```

Border

The CSS property to change the border of an element to YUV 174.9930, 10.8495, 20.1771 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(198, 159, 197) }
```


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

```
.border{ border-color:rgb(198, 159, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 159, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 159, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 159, 197);  
box-shadow:4px 4px 4px 4px rgb(198, 159,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 174.9930, 10.8495, 20.1771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 159, 197) }
```

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

```
.background{ background-color: rgb(198,  
159, 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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