

Converting Colors

YUV(174.8570, 10.4235,
16.7884)

Have a look what the booklet for
YUV(174.8570, 10.4235, 16.7884)
contains.

YUV(174.8570, 10.4235, 16.7884)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(174.8570, 10.4235,
16.7884)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A1C4
RGB	194, 161, 196
RGB Percent	76%, 63%, 77%
CMY	0.2392, 0.3686, 0.2314
CMYK	0.01, 0.18, 0.00, 0.23
HSL	297°, 23%, 70%
HSV	297°, 18%, 77%
XYZ	44.9568, 40.9446, 57.7582
YIQ	174.8570, 8.4330, 17.8810

Conversions

Conversions Part 2

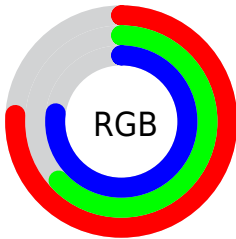
Format	Color
RYB	194, 161, 196
Decimal	12755396
CIELab	70.14, 18.29, -13.39
CIELCh	70, 22.669, 323.800
Yxy	40.9446, 0.3129, 0.2850
Android (android.graphics.Color)	4290945476 (0xFFC2A1C4)
YUV	174.8570, 10.4235, 16.7884
Hunter-Lab	63.9880, 13.4320, -8.7260

Details

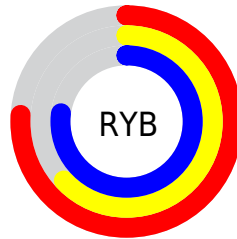
The YUV color **174.8570, 10.4235, 16.7884** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **182.1430, -10.4235, -16.7884**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.6830, 11.0023, 17.8180**, and **122.0310, 9.8447, 15.7588** is the 20% darker color. If you saturate the color by 10%, you get **162.8180, 16.3587, 26.4696**, and if you desaturate by 10%, it is **186.8960, 4.4883, 7.1072**.

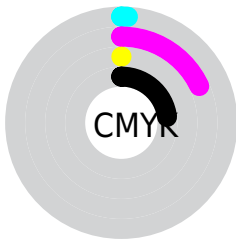
Distribution



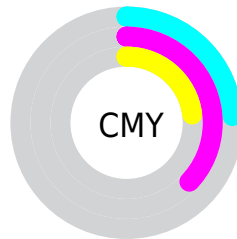
- Red (76%)
- Green (63%)
- Blue (77%)



- Red (76%)
- Yellow (63%)
- Blue (77%)



- Cyan (1%)
- Magenta (18%)
- Yellow (0%)
- Black (23%)



- Cyan (24%)
- Magenta (37%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.8570, 10.4235, 16.7884 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 174.8570, 10.4235, 16.7884 by changing the saturation by 10% instead.

■ 174.8570, 10.4235,
16.7884

■ 174.8570, 10.4235,
16.7884

255.0000, 0.0000,
0.0000

■ 148.4440, 10.1341,
16.2736

■ 230.6830, 11.0023,
17.8180

■ 122.0310, 9.8447,
15.7588

■ 248.5430, 3.1833,
5.6628

■ 97.3190, 9.7027,
14.6292

■ 73.2050, 9.2659,
14.7292

■ 50.3790, 8.6872,
13.6996

■ 28.6670, 8.5452,
12.5700

■ 10.4390, 7.6716,

12.7700

■ 0.0000, 0.0000,
0.0000

■ 174.8570, 10.4235,
16.7884

■ 174.8570, 10.4235,
16.7884

■ 162.8180, 16.3587,
26.4696

■ 186.8960, 4.4883,
7.1072

■ 151.3660, 22.0046,
35.6360

■ 198.3480, -1.1576,
-2.0592

■ 139.3270, 27.9398,
45.3172

■ 210.3870, -7.0928,
-11.7404

■ 127.8750, 33.5856,
54.4836

■ 221.8390,
-12.7386, -20.9068

■ 115.5370, 39.6683,
63.5501

■ 231.8290,
-17.6637, -27.9140

103.4980, 45.6035,
73.2313

232.1280,
-17.8111, -27.2993

92.0460, 51.2493,
82.3977

232.4270,
-17.9585, -26.6845

80.0070, 57.1845,
92.0789

232.7260,
-18.1059, -26.0697

77.6590, 58.3421,
94.1381

233.0250,
-18.2533, -25.4549

Harmonies

Analogous

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



172.9730, 17.7613, -3.4843



174.8570, 10.4235, 16.7884



175.1270, 0.9234, 30.5836

Triad

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



174.8570, 10.4235, 16.7884



171.2460, -19.8413, 17.3243



162.5260, 12.0657, -43.4343

Complementary

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



174.8570, 10.4235, 16.7884



182.1430, -10.4235, -16.7884

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.



163.7200, 1.1240, -33.9574



174.8570, 10.4235, 16.7884



168.5320, -17.0243, 0.4104

Square

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



174.8570, 10.4235, 16.7884



172.8330, -16.6797, 29.9645



166.0720, -9.4025, -17.6031



164.4970, 19.4750, -39.9009

Rectangle

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



174.8570, 10.4235, 16.7884



174.7270, -5.7814, 34.4424



166.0720, -9.4025, -17.6031



162.3260, 8.7133, -41.5049

Sweetspot

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



174.8570, 10.4235, 16.7884



247.0700, 3.9095, 6.0776



166.1640, 14.7091, -4.5288



123.0050, 2.4625, 3.5036



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.



174.8570, 10.4235, 16.7884



222.4050, 16.0693, 25.9548



173.7450, 3.5767, 19.5176



90.8310, 3.0413, 4.5332



63.5030, 48.0660, 76.7349



13.0310, 9.8447, 15.7588

Inverse Universe

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



171.6930, -4.2856, 21.3172



217.6020, -6.2128, 32.7980



183.2550, -3.5767, -19.5176



90.1040, -1.0373, 6.0478



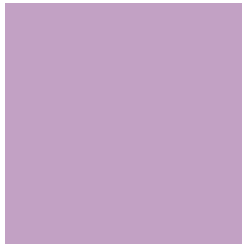
49.1650, -19.8013, 98.0793



10.0950, -3.9908, 20.0877

Previews

White Background



This preview shows how the YUV color 174.8570, 10.4235, 16.7884 looks on a white background.

Color Contrast Check

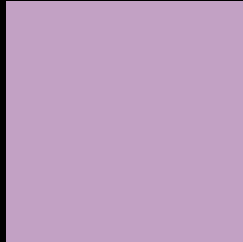
Large Text (above 18pt) WCAG AA × Fail

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 174.8570, 10.4235, 16.7884 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 174.8570, 10.4235, 16.7884

Background



This preview shows how black text looks on a background with the YUV color 174.8570, 10.4235, 16.7884.



This preview shows how white text looks on a background with the YUV color 174.8570, 10.4235,

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

174.8570, 10.4235, 16.7884

Protanopia

172.1530, 14.7146, -6.2732

Deuteranopia

173.1820, 10.7563, 3.3484



Tritanopia

173.5550, 1.6984, 15.2993

Trichromacy



Original Color

174.8570, 10.4235, 16.7884

Protanomaly

173.4530, 13.0877, 2.2337

Deuteranomaly

173.8020, 10.4506, 8.0666

Tritanomaly

174.0650, 4.8980, 15.7290

Monochromacy



Original Color

174.8570, 10.4235, 16.7884

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.0700, 3.9095, 6.0776

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.8570, 10.4235, 16.7884 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(194, 161, 196)` looks like.

```
.text, #text, p{  
    color:rgb(194, 161, 196)  
}
```

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(194, 161, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 161, 196) }
```

Border

The CSS property to change the border of an element to YUV 174.8570, 10.4235, 16.7884 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(194, 161, 196) }
```


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

```
.border{ border-color:rgb(194, 161, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 161, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 161, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 161, 196);  
box-shadow:4px 4px 4px 4px rgb(194, 161,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 174.8570, 10.4235, 16.7884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 161, 196) }
```

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

```
.background{ background-color: rgb(194,  
161, 196) }
```

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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