

Converting Colors

YUV(148.7910, 13.9070,
19.4773)

Have a look what the booklet for
YUV(148.7910, 13.9070, 19.4773)
contains.

YUV(148.7910, 13.9070, 19.4773)	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(148.7910, 13.9070,
19.4773)**

Conversions

Conversions Part 1

Format	Color
Hex	AB84B1
RGB	171, 132, 177
RGB Percent	67%, 52%, 69%
CMY	0.3294, 0.4824, 0.3059
CMYK	0.03, 0.25, 0.00, 0.31
HSL	292°, 22%, 61%
HSV	292°, 25%, 69%
XYZ	32.9817, 28.3348, 45.3258
YIQ	148.7910, 8.7990, 22.2630

Conversions

Conversions Part 2

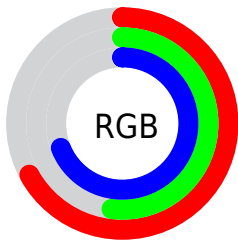
Format	Color
RYB	171, 132, 177
Decimal	11240625
CIELab	60.19, 22.95, -17.97
CIElCh	60, 29.151, 321.938
Yxy	28.3348, 0.3093, 0.2657
Android (android.graphics.Color)	4289430705 (0xFFAB84B1)
YUV	148.7910, 13.9070, 19.4773
Hunter-Lab	53.2304, 17.4457, -13.2243

Details

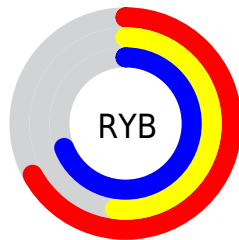
The YUV color **148.7910, 13.9070, 19.4773** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **160.2090, -13.9070, -19.4773**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.0300, 14.7752, 21.0217**, and **97.5520, 13.0389, 17.9329** is the 20% darker color. If you saturate the color by 10%, you get **137.6270, 19.4109, 27.5141**, and if you desaturate by 10%, it is **159.9550, 8.4032, 11.4405**.

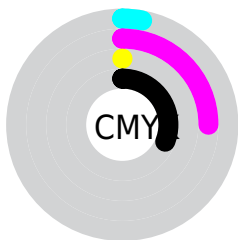
Distribution



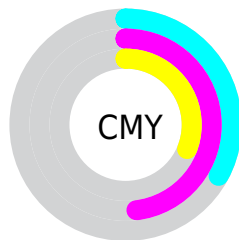
- Red (67%)
- Green (52%)
- Blue (69%)



- Red (67%)
- Yellow (52%)
- Blue (69%)



- Cyan (3%)
- Magenta (25%)
- Yellow (0%)
- Black (31%)





- Cyan (33%)
- Magenta (48%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 148.7910, 13.9070, 19.4773 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 148.7910, 13.9070, 19.4773 by changing the saturation by 10% instead.


 148.7910, 13.9070,
19.4773


 148.7910, 13.9070,
19.4773


255.0000, 0.0000,
0.0000


 122.9650, 13.3283,
18.4477


 203.0300, 14.7752,
21.0217


 97.5520, 13.0389,
17.9329

 230.3460, 12.1544,
21.6216

 73.7260, 12.4601,
16.9033

 247.3690, 3.7621,
6.6924

 50.3130, 12.1707,
16.3885

 27.9000, 11.8813,
15.8737

 12.0200, 9.8501,
14.0145

 0.3420, 1.3104,

-0.2999

0.0000, 0.0000,
0.0000

148.7910, 13.9070,
19.4773

148.7910, 13.9070,
19.4773

137.6270, 19.4109,
27.5141

159.9550, 8.4032,
11.4405

126.7510, 24.7728,
34.4214

170.8310, 3.0413,
4.5332

115.5870, 30.2766,
42.4582

181.9950, -2.4625,
-3.5036

104.4230, 35.7805,
50.4950

193.1590, -7.9664,
-11.5404

93.5470, 41.1423,
57.4023

204.6220,
-13.6176, -18.9625

82.3830, 46.6462,
65.4391

215.1990,
-18.8321, -26.4845

70.9200, 52.2974,
72.8612

226.0750,
-24.1940, -33.3918

65.9250, 54.7600,
76.3648

226.6730,
-24.4888, -32.1622

227.2710,
-24.7836, -30.9327

Harmonies

Analogous

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



146.3300, 23.0083, -6.4284



148.7910, 13.9070, 19.4773



148.5130, 2.2121, 37.2611

Triad

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



148.7910, 13.9070, 19.4773



144.0140, -24.6569, 21.9127



129.5560, 16.4879, -61.8776

Complementary

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



148.7910, 13.9070, 19.4773



160.2090, -13.9070, -19.4773

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.



133.7680, 1.5934, -44.5235



148.7910, 13.9070, 19.4773



141.2780, -21.8291, 1.5102

Square

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



148.7910, 13.9070, 19.4773



145.7800, -19.6115, 37.0269



137.9530, -12.3018, -21.0068



132.0970, 26.0812, -58.8441

Rectangle

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



148.7910, 13.9070, 19.4773



148.0700, -5.9505, 42.0346



137.9530, -12.3018, -21.0068



130.4380, 12.1091, -57.3891

Sweetspot

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



148.7910, 13.9070, 19.4773



217.9500, 5.9407, 7.9369



140.6520, 17.9196, -7.5878



107.3580, 3.7675, 4.9480



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



148.7910, 13.9070, 19.4773



184.7460, 22.3102, 30.9178



148.6470, 5.5970, 24.8656



83.4180, 2.7519, 4.0184



57.2090, 47.2250, 66.4687



9.5420, 8.1138, 10.9257

Inverse Universe

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



146.1390, -4.0125, 27.0651



180.6680, -6.2453, 43.2642



160.3530, -5.5970, -24.8656



82.9190, -0.4531, 5.3330



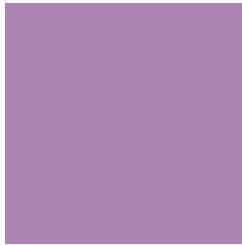
48.0270, -13.8173, 92.0613



8.1160, -2.5222, 15.6843

Previews

White Background



This preview shows how the YUV color 148.7910, 13.9070, 19.4773 looks on a white background.

Color Contrast Check

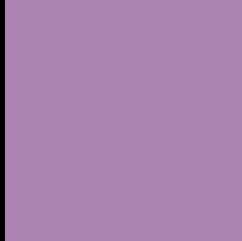
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.7910, 13.9070, 19.4773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

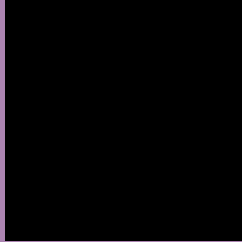
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 148.7910, 13.9070, 19.4773

Background



This preview shows how black text looks on a background with the YUV color 148.7910, 13.9070, 19.4773.



This preview shows how white text looks on a background with the YUV color 148.7910, 13.9070,

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

148.7910, 13.9070, 19.4773

Protanopia

145.9830, 19.2354, -9.6321

Deuteranopia

146.6590, 13.9721, -1.4549



Tritanopia

147.2240, 0.3826, 17.3436

Trichromacy



Original Color

148.7910, 13.9070, 19.4773

Protanomaly

147.1800, 17.1663, 0.7191

Deuteranomaly

147.1160, 14.2398, 6.0373

Tritanomaly

147.6030, 5.6187, 17.8882

Monochromacy



Original Color

148.7910, 13.9070, 19.4773

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.0100, 4.9251, 7.0072

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.7910, 13.9070, 19.4773 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(171, 132, 177)` looks like.

```
.text, #text, p{  
    color:rgb(171, 132, 177)  
}
```

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(171, 132, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 132, 177) }
```

Border

The CSS property to change the border of an element to YUV 148.7910, 13.9070, 19.4773 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(171, 132, 177) }
```


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

```
.border{ border-color:rgb(171, 132, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 132, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 132, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 132, 177);  
box-shadow:4px 4px 4px 4px rgb(171, 132,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 148.7910, 13.9070, 19.4773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 132, 177) }
```

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

```
.background{ background-color: rgb(171,  
132, 177) }
```

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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