

Converting Colors

YUV(171.9150, -0.9441,
22.8765)

Have a look what the booklet for
YUV(171.9150, -0.9441, 22.8765)
contains.

YUV(171.9150, -0.9441, 22.8765)	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(171.9150, -0.9441,
22.8765)**

Conversions

Conversions Part 1

Format	Color
Hex	C69FAA
RGB	198, 159, 170
RGB Percent	78%, 62%, 67%
CMY	0.2235, 0.3765, 0.3333
CMYK	0.00, 0.20, 0.14, 0.22
HSL	343°, 25%, 70%
HSV	343°, 20%, 78%
XYZ	42.9425, 39.7043, 43.4306
YIQ	171.9150, 19.7130, 11.6890

Conversions

Conversions Part 2

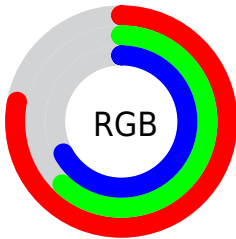
Format	Color
RYB	198, 159, 170
Decimal	13017002
CIELab	69.26, 16.17, -0.23
CIElCh	69, 16.174, 359.201
Yxy	39.7043, 0.3406, 0.3149
Android (android.graphics.Color)	4291207082 (0xFFC69FAA)
YUV	171.9150, -0.9441, 22.8765
Hunter-Lab	63.0114, 11.3787, 3.2423

Details

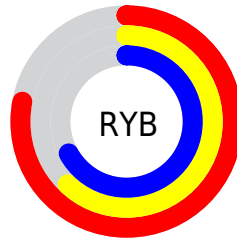
The YUV color $171.9150, -0.9441, 22.8765$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $185.0850, 0.9441, -22.8765$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.5130, -1.2389, 24.1061$, and $119.3170, -0.6493, 21.6470$ is the 20% darker color. If you saturate the color by 10%, you get $158.5790, -1.2714, 34.5722$, and if you desaturate by 10%, it is $185.2510, -0.6167, 11.1809$.

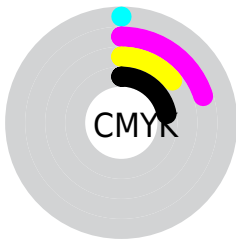
Distribution



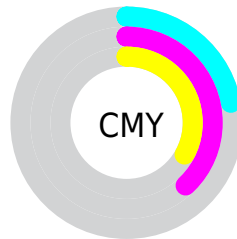
- Red (78%)
- Green (62%)
- Blue (67%)



- Red (78%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)
- Black (22%)




- Cyan (22%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 171.9150, -0.9441, 22.8765 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 171.9150, -0.9441, 22.8765 by changing the saturation by 10% instead.


 171.9150, -0.9441,
22.8765


 171.9150, -0.9441,
22.8765


255.0000, 0.0000,
0.0000


 145.3170, -0.6493,
21.6470


 227.5130, -1.2389,
24.1061


 119.3170, -0.6493,
21.6470

 247.2550, 3.3253,
6.7924

 94.6050, -0.7913,
20.5174

 71.0070, -0.4965,
19.2879

 47.4090, -0.2016,
18.0583

 26.5120, 0.2406,
16.2140

 7.8880, -3.3958,

15.8842

■ 0.0000, 0.0000,
0.0000

■ 171.9150, -0.9441,
22.8765

■ 171.9150, -0.9441,
22.8765

■ 158.5790, -1.2714,
34.5722

■ 185.2510, -0.6167,
11.1809

■ 145.2430, -1.5988,
46.2679

■ 198.5870, -0.2894,
-0.5148

■ 132.3800, -2.6523,
57.5487

■ 211.4500, 0.7641,
-11.7957

■ 119.0440, -2.9797,
69.2444

■ 224.7860, 1.0915,
-23.4913

■ 105.7080, -3.3070,
80.9401

■ 236.3610, 2.2870,
-33.6426

■ 92.3720, -3.6344,
92.6358

■ 237.9570, 8.4022,
-35.0423

■ 78.9220, -4.3985,
104.4314

■ 66.1730, -5.0153,
115.6123

■ 65.5860, -4.7259,
116.1271

Harmonies

Analogous

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



171.6950, 6.0664, 14.2995



171.9150, -0.9441, 22.8765



171.3900, -8.0803, 25.0910

Triad

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



171.9150, -0.9441, 22.8765



167.1880, -11.9247, -1.9189



165.8040, 13.9006, -25.2611

Complementary

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



171.9150, -0.9441, 22.8765



185.0850, 0.9441, -22.8765

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.



163.6310, 9.5489, -29.4944



171.9150, -0.9441, 22.8765



165.1200, -5.4822, -15.0142

Square

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



171.9150, -0.9441, 22.8765



168.6950, -14.1466, 10.7915



164.0030, 1.9705, -25.4356



167.8100, 14.8837, -13.8654

Rectangle

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



171.9150, -0.9441, 22.8765



170.4560, -11.5638, 22.4021



164.0030, 1.9705, -25.4356



164.8530, 12.8905, -27.9351

Sweetspot

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



171.9150, -0.9441, 22.8765



244.9410, -0.4639, 8.8217



171.8180, 12.9077, 13.3146



121.9190, -0.4531, 5.3330



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.



171.9150, -0.9441, 22.8765



214.1770, -1.5663, 35.8018



175.3570, -8.0640, 19.8579



92.9190, -0.4531, 5.3330



53.9810, -3.9346, 95.6097



11.9040, -0.9387, 21.1322

Inverse Universe

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



171.9150, -0.9441, 22.8765



214.1770, -1.5663, 35.8018



181.6430, 8.0640, -19.8579



92.9190, -0.4531, 5.3330



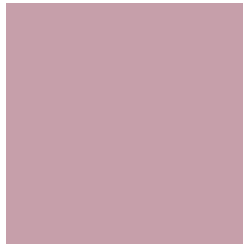
53.9810, -3.9346, 95.6097



11.9040, -0.9387, 21.1322

Previews

White Background



This preview shows how the YUV color 171.9150, -0.9441, 22.8765 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 171.9150, -0.9441, 22.8765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

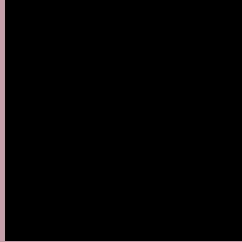
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.9150, -0.9441, 22.8765

Background



This preview shows how black text looks on a background with the YUV color 171.9150, -0.9441, 22.8765.



This preview shows how white text looks on a background with the YUV color 171.9150, -0.9441,

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

171.9150, -0.9441, 22.8765

Protanopia

169.6950, 2.6154, 1.1445

Deuteranopia

171.1480, -1.0590, 13.0252



Tritanopia

172.0290, -0.5073, 22.7766

Trichromacy



Original Color

171.9150, -0.9441, 22.8765

Protanomaly

170.6960, 1.1359, 9.0366

Deuteranomaly

171.1700, -1.0698, 16.5139

Tritanomaly

172.0290, -0.5073, 22.7766

Monochromacy



Original Color

171.9150, -0.9441, 22.8765

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.6420, -0.3165, 8.2070

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.9150, -0.9441, 22.8765 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(198, 159, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 159, 170) }
```

Border

The CSS property to change the border of an element to YUV 171.9150, -0.9441, 22.8765 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, 170) }
```


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

```
.border{ border-color:rgb(198, 159, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 159, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 159, 170);  
box-shadow:4px 4px 4px 4px rgb(198, 159,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 171.9150, -0.9441, 22.8765 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, 170) }
```

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

```
.background{ background-color: rgb(198,  
159, 170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor