

Converting Colors

YUV(174.0190, -1.9814,
28.9243)

Have a look what the booklet for
YUV(174.0190, -1.9814, 28.9243)
contains.

YUV(174.0190, -1.9814, 28.9243)	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(174.0190, -1.9814,
28.9243)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9EAA
RGB	207, 158, 170
RGB Percent	81%, 62%, 67%
CMY	0.1882, 0.3804, 0.3333
CMYK	0.00, 0.24, 0.18, 0.19
HSL	345°, 34%, 72%
HSV	345°, 24%, 81%
XYZ	45.2147, 40.6214, 43.4879
YIQ	174.0190, 25.3520, 14.1200

Conversions

Conversions Part 2

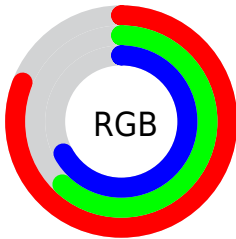
Format	Color
R_{YB}	207, 158, 170
Decimal	13606570
CIE _{Lab}	69.91, 20.02, 0.83
CIE _{LCh}	70, 20.033, 2.383
Yxy	40.6214, 0.3496, 0.3141
Android (android.graphics.Color)	4291796650 (0xFFCF9EAA)
YUV	174.0190, -1.9814, 28.9243
Hunter-Lab	63.7349, 15.0950, 4.1595

Details

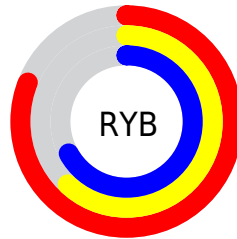
The YUV color $174.0190, -1.9814, 28.9243$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $190.9810, 1.9814, -28.9243$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $226.9260, -0.9495, 24.6209$, and $121.1220, -1.5391, 27.0800$ is the 20% darker color. If you saturate the color by 10%, you get $159.8680, -2.8929, 41.3348$, and if you desaturate by 10%, it is $188.1700, -1.0698, 16.5139$.

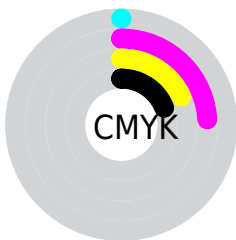
Distribution



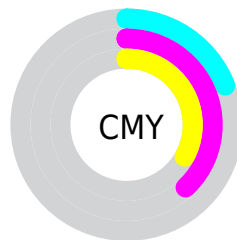
- Red (81%)
- Green (62%)
- Blue (67%)



- Red (81%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (19%)



- Cyan (19%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.0190, -1.9814, 28.9243 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 174.0190, -1.9814, 28.9243 by changing the saturation by 10% instead.

■ 174.0190, -1.9814,
28.9243

■ 174.0190, -1.9814,
28.9243

■ 255.0000, 0.0000,
0.0000

■ 147.4210, -1.6866,
27.6948

■ 226.9260, -0.9495,
24.6209

■ 121.1220, -1.5391,
27.0800

■ 246.6680, 3.6147,
7.3072

■ 96.1110, -1.5337,
25.3357

■ 71.9260, -0.9495,
24.6209

■ 49.0290, -0.5073,
22.7766

■ 26.5450, 0.2243,
21.4470

■ 9.9810, -4.4276,

20.1877

0.0000, 0.0000,
0.0000

174.0190, -1.9814,
28.9243

174.0190, -1.9814,
28.9243

159.8680, -2.8929,
41.3348

188.1700, -1.0698,
16.5139

146.4180, -3.6571,
53.1304

201.6200, -0.3057,
4.7183

132.2670, -4.5686,
65.5408

215.7710, 0.6059,
-7.6922

118.1160, -5.4802,
77.9513

229.9220, 1.5175,
-20.1026

104.6660, -6.2443,
89.7469

239.8500, 4.0180,
-28.8094

■ 90.5150, -7.1559,
102.1573

■ 240.6480, 7.0755,
-29.5093

■ 76.4780, -7.6307,
114.4678

■ 67.7070, -8.2366,
122.1600

Harmonies

Analogous

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



173.9560, 6.9237, 19.3326



174.0190, -1.9814, 28.9243



172.8530, -10.2805, 30.8239

Triad

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



174.0190, -1.9814, 28.9243



168.0090, -13.8084, -4.3929



166.0960, 17.7007, -30.7792

Complementary

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



174.0190, -1.9814, 28.9243



190.9810, 1.9814, -28.9243

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.



164.0860, 12.7756, -37.7864



174.0190, -1.9814, 28.9243



165.8590, -6.3395, -20.0473

Square

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



174.0190, -1.9814, 28.9243



169.8970, -17.2042, 11.4913



163.5290, 4.1762, -32.9129



170.0100, 18.2361, -15.7948

Rectangle

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



174.0190, -1.9814, 28.9243



172.0930, -14.3428, 27.1054



163.5290, 4.1762, -32.9129



165.4330, 16.5485, -34.5827

Sweetspot

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



174.0190, -1.9814, 28.9243



242.9520, -0.4693, 10.5661



174.6490, 15.9490, 17.8478



120.6310, -0.3111, 6.4626



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.



174.0190, -1.9814, 28.9243



207.1670, -3.0403, 41.9495



179.6950, -10.6956, 23.9465



97.6310, -0.3111, 6.4626



54.9060, -6.8557, 99.1834



13.3990, -1.6757, 24.2061

Inverse Universe

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



174.0190, -1.9814, 28.9243



207.1670, -3.0403, 41.9495



185.3050, 10.6956, -23.9465



97.6310, -0.3111, 6.4626



54.9060, -6.8557, 99.1834



13.3990, -1.6757, 24.2061

Previews

White Background



This preview shows how the YUV color 174.0190, -1.9814, 28.9243 looks on a white background.

Color Contrast Check

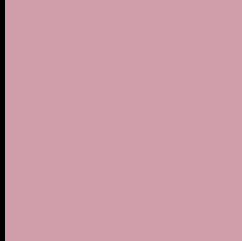
Large Text (above 18pt) WCAG AA × Fail

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 174.0190, -1.9814, 28.9243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

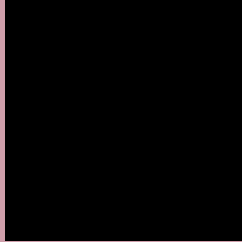
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.0190, -1.9814, 28.9243

Background



This preview shows how black text looks on a background with the YUV color 174.0190, -1.9814, 28.9243.



This preview shows how white text looks on a background with the YUV color 174.0190, -1.9814,

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

174.0190, -1.9814, 28.9243

Protanopia

171.3960, 2.7628, 0.5297

Deuteranopia

172.9200, -1.9326, 13.2252



Tritanopia

174.0190, -1.9814, 28.9243

Trichromacy



Original Color

174.0190, -1.9814, 28.9243

Protanomaly

172.5930, 0.6937, 10.8809

Deuteranomaly

173.2520, -2.0962, 19.0730

Tritanomaly

174.0190, -1.9814, 28.9243

Monochromacy



Original Color

174.0190, -1.9814, 28.9243

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.9520, -0.4693, 10.5661

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.0190, -1.9814, 28.9243 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(207, 158, 170)` looks like.

```
.text, #text, p{  
    color:rgb(207, 158, 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(207, 158, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 158, 170) }
```

Border

The CSS property to change the border of an element to YUV 174.0190, -1.9814, 28.9243 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(207, 158, 170) }
```


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

```
.border{ border-color:rgb(207, 158, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 158, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 158, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 158, 170);  
box-shadow:4px 4px 4px 4px rgb(207, 158,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 174.0190, -1.9814, 28.9243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 158, 170) }
```

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

```
.background{ background-color: rgb(207,  
158, 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