

Converting Colors

YUV(171.9830, 2.4734, 0.0149)

Have a look what the booklet for
YUV(171.9830, 2.4734, 0.0149)
contains.

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Color

**YUV(171.9830, 2.4734,
0.0149)**

Conversions

Conversions Part 1	
Format	Color
Hex	ACABB1
RGB	172, 171, 177
RGB Percent	67%, 67%, 69%
CMY	0.3255, 0.3294, 0.3059
CMYK	0.03, 0.03, 0.00, 0.31
HSL	250°, 4%, 68%
HSV	250°, 3%, 69%
XYZ	39.5120, 41.0708, 47.4399
YIQ	171.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

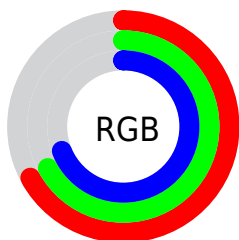
Format	Color
RYB	172, 171, 177
Decimal	11316145
CIELab	70.23, 1.50, -2.96
CIELCh	70, 3.316, 296.948
Yxy	41.0708, 0.3086, 0.3208
Android (android.graphics.Color)	4289506225 (0xFFACABB1)
YUV	171.9830, 2.4734, 0.0149
Hunter-Lab	64.0865, -2.0988, 0.9712

Details

The YUV color $171.9830, 2.4734, 0.0149$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $176.0170, -2.4734, -0.0149$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.0970, 2.9102, -0.0851$, and $119.8690, 2.0366, 0.1149$ is the 20% darker color. If you saturate the color by 10%, you get $156.9320, 9.8935, 0.0596$, and if you desaturate by 10%, it is $187.0340, -4.9468, -0.0298$.

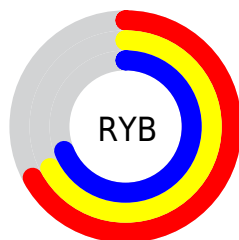
Distribution



Red (67%)

Green (67%)

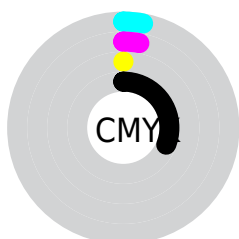
Blue (69%)



Red (67%)

Yellow (67%)

Blue (69%)

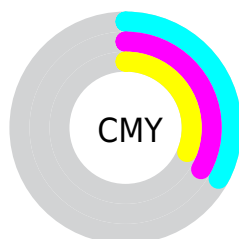


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (31%)



Cyan (33%)


Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 171.9830, 2.4734, 0.0149 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 171.9830, 2.4734, 0.0149 by changing the saturation by 10% instead.


 171.9830, 2.4734,
0.0149


 171.9830, 2.4734,
0.0149

255.0000, 0.0000,
0.0000


 145.5700, 2.1840,
-0.4999


 227.0970, 2.9102,
-0.0851

 119.8690, 2.0366,
0.1149

 94.9830, 2.4734,
0.0149

 71.5700, 2.1840,
-0.4999

 48.8690, 2.0366,
0.1149

 27.8690, 2.0366,
0.1149

 1.2110, 3.3470,

-0.1850

0.0000, 0.0000,
0.0000

171.9830, 2.4734,
0.0149

171.9830, 2.4734,
0.0149

156.9320, 9.8935,
0.0596

187.0340, -4.9468,
-0.0298

142.7670, 16.8769,
0.2043

201.1990,
-11.9301, -0.1745

127.7160, 24.2970,
0.2491

216.2500,
-19.3502, -0.2193

112.6650, 31.7172,
0.2938

231.3010,
-26.7704, -0.2640

97.6140, 39.1373,
0.3385

243.4170,
-32.7436, 2.2653

■ 83.4490, 46.1206,
0.4832

■ 246.1080,
-34.0702, 7.7983

■ 68.3980, 53.5408,
0.5280

■ 53.3470, 60.9609,
0.5727

■ 38.8830, 68.0917,
0.1026

Harmonies

Analogous

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



171.4880, 3.2104, -3.0590



171.9830, 2.4734, 0.0149



172.0650, 1.4470, 2.5740

Triad

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



171.9830, 2.4734, 0.0149



171.7510, -2.3422, 4.6034



170.9670, 0.0163, -5.2331

Complementary

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



171.9830, 2.4734, 0.0149



176.0170, -2.4734, -0.0149

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.



170.9350, -1.4470, -2.5740



171.9830, 2.4734, 0.0149



171.6260, -2.7736, 2.9590

Square

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



171.9830, 2.4734, 0.0149



172.2780, -1.6161, 5.0182



171.0170, -2.4734, -0.0149



170.7220, 1.6161, -5.0182

Rectangle

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



171.9830, 2.4734, 0.0149



172.4350, 0.2785, 4.0035



171.0170, -2.4734, -0.0149



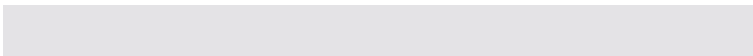
170.5650, -0.2785, -4.0035

Sweetspot

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



171.9830, 2.4734, 0.0149



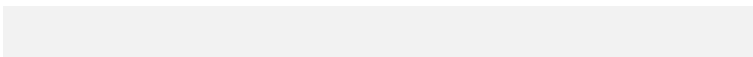
227.6410, 1.1630, 0.3148



174.6190, 1.1738, -3.1739



114.1140, 0.4368, -0.1000



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.



171.9830, 2.4734, 0.0149



221.7380, 4.0732, 0.2298



172.8800, 2.0312, 1.8592



85.7550, 1.5998, 0.2149



25.2160, 62.9975, 0.6876



4.1600, 10.7671, -0.1403

Inverse Universe

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



173.3640, 1.2995, 3.1888



223.9020, 2.0203, 5.3479



175.1200, -2.0312, -1.8592



86.6520, 1.1576, 2.0592



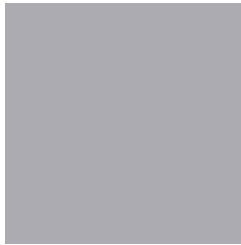
60.2250, 32.9201, 81.3637



10.1680, 5.3402, 13.8847

Previews

White Background



This preview shows how the YUV color 171.9830, 2.4734, 0.0149 looks on a white background.

Color Contrast Check

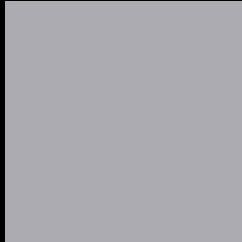
Large Text (above 18pt) WCAG AA × Fail

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 171.9830, 2.4734, 0.0149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

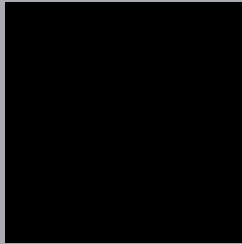
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.9830, 2.4734, 0.0149

Background



This preview shows how black text looks on a background with the YUV color 171.9830, 2.4734, 0.0149.



This preview shows how white text looks on a background with the YUV color 171.9830, 2.4734,

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

171.9830, 2.4734, 0.0149

Protanopia

172.2820, 2.3260, 0.6297

Deuteranopia

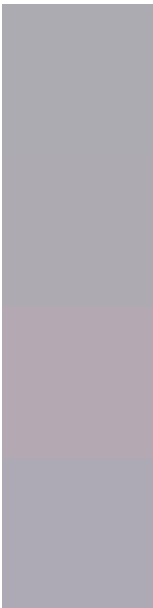
173.0490, 2.4408, 10.4810



Tritanopia

172.3790, 5.2362, 0.5446

Trichromacy



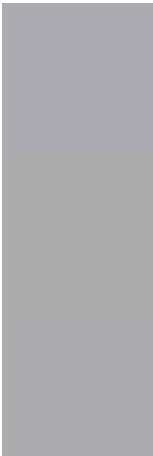
Original Color
171.9830, 2.4734, 0.0149

Protanomaly
172.2820, 2.3260, 0.6297

Deuteranomaly
172.7280, 2.5991, 6.3775

Tritanomaly
172.1510, 4.3626, 0.7446

Monochromacy



Original Color
171.9830, 2.4734, 0.0149

Achromatopsia
172.0000, 0.0000, 0.0000

Achromatomaly
172.2280, 0.8736, -0.2000

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.9830, 2.4734, 0.0149 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(172, 171, 177)` looks like.

```
.text, #text, p{  
    color:rgb(172, 171, 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(172, 171, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 171, 177) }
```

Border

The CSS property to change the border of an element to YUV 171.9830, 2.4734, 0.0149 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(172, 171, 177) }
```


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

```
.border{ border-color:rgb(172, 171, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 171, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 171, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 171, 177);  
box-shadow:4px 4px 4px 4px rgb(172, 171,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 171.9830, 2.4734, 0.0149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 171, 177) }
```

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

```
.background{ background-color: rgb(172,  
171, 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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