

Converting Colors

YUV(168.8970, -0.4422, 1.8443)

Have a look what the booklet for
YUV(168.8970, -0.4422, 1.8443)
contains.

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Color

**YUV(168.8970, -0.4422,
1.8443)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA8A8
RGB	171, 168, 168
RGB Percent	67%, 66%, 66%
CMY	0.3294, 0.3412, 0.3412
CMYK	0.00, 0.02, 0.02, 0.33
HSL	0°, 2%, 66%
HSV	0°, 2%, 67%
XYZ	37.8651, 39.4903, 42.6725
YIQ	168.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

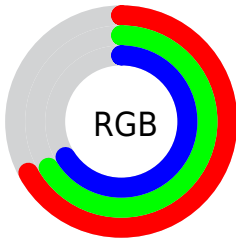
Format	Color
RYB	171, 168, 168
Decimal	11249832
CIELab	69.10, 1.07, 0.37
CIELCh	69, 1.137, 19.078
Yxy	39.4903, 0.3155, 0.3290
Android (android.graphics.Color)	4289439912 (0xFFABA8A8)
YUV	168.8970, -0.4422, 1.8443
Hunter-Lab	62.8413, -2.4170, 3.7280

Details

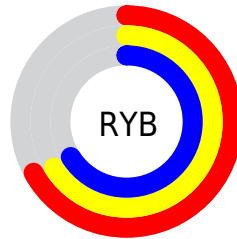
The YUV color **168.8970, -0.4422, 1.8443** is a light color, and the websafe version is hex **999999**. A complement of this color would be **170.1030, 0.4422, -1.8443**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8970, -0.4422, 1.8443**, and **116.8970, -0.4422, 1.8443** is the 20% darker color. If you saturate the color by 10%, you get **156.9800, -2.9481, 12.2955**, and if you desaturate by 10%, it is **180.8140, 2.0637, -8.6069**.

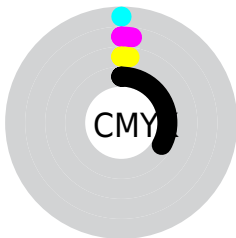
Distribution



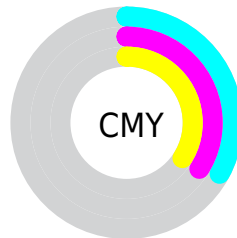
- Red (67%)
- Green (66%)
- Blue (66%)



- Red (67%)
- Yellow (66%)
- Blue (66%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (33%)



- Cyan (33%)
- Magenta (34%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.8970, -0.4422, 1.8443 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 168.8970, -0.4422, 1.8443 by changing the saturation by 10% instead.

■ 168.8970, -0.4422,
1.8443

■ 168.8970, -0.4422,
1.8443

255.0000, 0.0000,
0.0000

■ 142.8970, -0.4422,
1.8443

■ 223.8970, -0.4422,
1.8443

■ 116.8970, -0.4422,
1.8443

■ 252.8970, -0.4422,
1.8443

■ 92.0110, -0.0054,
1.7444

■ 68.8970, -0.4422,
1.8443

■ 46.5980, -0.2948,
1.2296

■ 25.5980, -0.2948,
1.2296

■ 0.0000, 0.0000,

0.0000

■ 168.8970, -0.4422,
1.8443

■ 168.8970, -0.4422,
1.8443

■ 156.9800, -2.9481,
12.2955

■ 180.8140, 2.0637,
-8.6069

■ 145.0630, -5.4541,
22.7467

■ 192.7310, 4.5696,
-19.0581

■ 133.1460, -7.9600,
33.1980

■ 204.6480, 7.0755,
-29.5093

■ 121.2290,
-10.4659, 43.6492

■ 216.5650, 9.5815,
-39.9605

■ 108.6110,
-13.1192, 54.7152

■ 228.4820, 12.0874,
-50.4117

■ 96.6940, -15.6251,
65.1664

■ 229.8840, 12.3822,
-51.6413

■ 84.7770, -18.1311,
75.6176

■ 72.8600, -20.6370,
86.0688

■ 60.9430, -23.1429,
96.5200

Harmonies

Analogous

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



169.0110, -0.0054, 1.7444



168.8970, -0.4422, 1.8443



168.7830, -0.8790, 1.9443

Triad

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



168.8970, -0.4422, 1.8443



168.4730, -0.7262, -0.4148



168.6300, 1.1684, -1.4295

Complementary

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



168.8970, -0.4422, 1.8443



170.1030, 0.4422, -1.8443

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.



168.2170, 0.8790, -1.9443



168.8970, -0.4422, 1.8443



168.2880, -0.1420, -1.1296

Square

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



168.8970, -0.4422, 1.8443



168.7720, -0.8736, 0.2000



168.1030, 0.4422, -1.8443



168.9290, 1.0210, -0.8147

Rectangle

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



168.8970, -0.4422, 1.8443



168.4840, -0.7316, 1.3295



168.1030, 0.4422, -1.8443



168.6300, 1.1684, -1.4295

Sweetspot

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



168.8970, -0.4422, 1.8443



220.5980, -0.2948, 1.2296



169.2390, 0.8682, 1.5444



111.2990, -0.1474, 0.6148



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



168.8970, -0.4422, 1.8443



218.4950, -0.7370, 3.0739



169.4840, -0.7316, 1.3295



85.5980, -0.2948, 1.2296



44.8500, -22.1110, 92.2166



6.8770, -3.3904, 14.1399

Inverse Universe

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



170.1030, 0.4422, -1.8443



220.5050, 0.7370, -3.0739



168.9290, 1.0210, -0.8147



86.4020, 0.2948, -1.2296



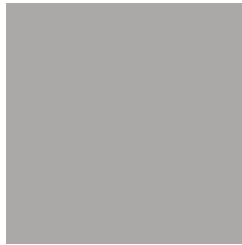
105.1500, 22.1110, -92.2166



16.1230, 3.3904, -14.1399

Previews

White Background



This preview shows how the YUV color 168.8970, -0.4422, 1.8443 looks on a white background.

Color Contrast Check

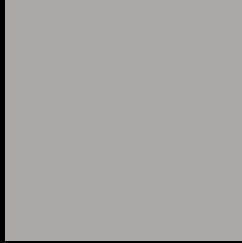
Large Text (above 18pt) WCAG AA × Fail

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 168.8970, -0.4422, 1.8443 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

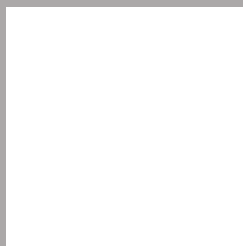
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 168.8970, -0.4422, 1.8443

Background



This preview shows how black text looks on a background with the YUV color 168.8970, -0.4422, 1.8443.

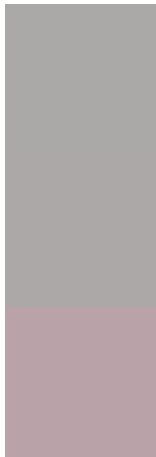


This preview shows how white text looks on a background with the YUV color 168.8970, -0.4422, 1.8443.

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

168.8970, -0.4422, 1.8443

Protanopia

169.1960, -0.5896, 2.4591

Deuteranopia

170.2620, -0.6222, 12.9252



Tritanopia

169.5750, 4.6465, 3.0037

Trichromacy



Original Color

168.8970, -0.4422, 1.8443

Protanomaly

169.1960, -0.5896, 2.4591

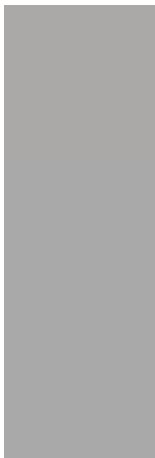
Deuteranomaly

169.9410, -0.4639, 8.8217

Tritanomaly

169.4070, 2.7573, 2.2741

Monochromacy



Original Color

168.8970, -0.4422, 1.8443

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.2990, -0.1474, 0.6148

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.8970, -0.4422, 1.8443 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, 168, 168)` looks like.

```
.text, #text, p{  
    color:rgb(171, 168, 168)  
}
```

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, 168, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 168, 168) }
```

Border

The CSS property to change the border of an element to YUV 168.8970, -0.4422, 1.8443 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, 168, 168) }
```


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

```
.border{ border-color:rgb(171, 168, 168) }
```

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

Here you see how a box with a 4 pixel rgb(171, 168, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 168, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 168, 168);  
box-shadow:4px 4px 4px 4px rgb(171, 168,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 168.8970, -0.4422, 1.8443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 168, 168) }
```

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

```
.background{ background-color: rgb(171,  
168, 168) }
```

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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