

Converting Colors

YUV(166.4670, 1.7418, 1.3444)

Have a look what the booklet for
YUV(166.4670, 1.7418, 1.3444)
contains.

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Color

**YUV(166.4670, 1.7418,
1.3444)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A5AA
RGB	168, 165, 170
RGB Percent	66%, 65%, 67%
CMY	0.3412, 0.3529, 0.3333
CMYK	0.01, 0.03, 0.00, 0.33
HSL	276°, 3%, 66%
HSV	276°, 3%, 67%
XYZ	36.8593, 38.1374, 43.4488
YIQ	166.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

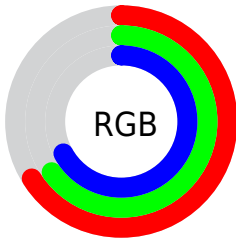
Format	Color
RYB	168, 165, 170
Decimal	11052458
CIELab	68.12, 2.03, -2.21
CIElCh	68, 2.995, 312.558
Yxy	38.1374, 0.3112, 0.3220
Android (android.graphics.Color)	4289242538 (0xFFA8A5AA)
YUV	166.4670, 1.7418, 1.3444
Hunter-Lab	61.7555, -1.5328, 1.5147

Details

The YUV color **166.4670, 1.7418, 1.3444** is a light color, and the websafe version is hex **999999**. A complement of this color would be **168.5330, -1.7418, -1.3444**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.4670, 1.7418, 1.3444**, and **114.4670, 1.7418, 1.3444** is the 20% darker color. If you saturate the color by 10%, you get **154.3950, 7.6933, 5.7926**, and if you desaturate by 10%, it is **178.5390, -4.2097, -3.1037**.

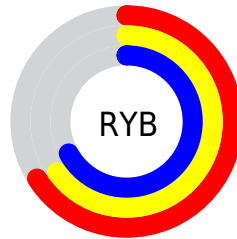
Distribution



Red (66%)

Green (65%)

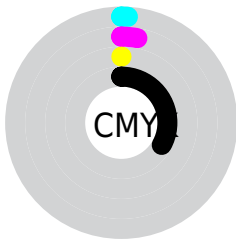
Blue (67%)



Red (66%)

Yellow (65%)

Blue (67%)

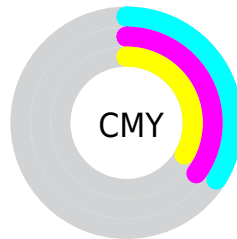


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (33%)



Cyan (34%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.4670, 1.7418, 1.3444 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 166.4670, 1.7418, 1.3444 by changing the saturation by 10% instead.

■ 166.4670, 1.7418,
1.3444

■ 166.4670, 1.7418,
1.3444

255.0000, 0.0000,
0.0000

■ 140.4670, 1.7418,
1.3444

■ 221.4670, 1.7418,
1.3444

■ 114.4670, 1.7418,
1.3444

■ 249.8800, 2.0312,
1.8592

■ 90.0540, 1.4524,
0.8296

■ 66.4670, 1.7418,
1.3444

■ 44.3530, 1.3050,
1.4444

■ 24.0540, 1.4524,
0.8296

■ 0.0000, 0.0000,

0.0000

■ 166.4670, 1.7418,
1.3444

■ 166.4670, 1.7418,
1.3444

■ 154.3950, 7.6933,
5.7926

■ 178.5390, -4.2097,
-3.1037

■ 142.3230, 13.6448,
10.2407

■ 190.6110,
-10.1612, -7.5518

■ 130.5500, 19.4489,
15.3037

■ 202.3840,
-15.9653, -12.6148

■ 118.4780, 25.4003,
19.7518

■ 214.4560,
-21.9168, -17.0629

■ 106.4060, 31.3518,
24.1999

■ 226.5280,
-27.8683, -21.5111

■ 94.3340, 37.3033,
28.6481

■ 231.5560,
-30.3471, -19.7816

82.2620, 43.2548,
33.0962

233.6490,
-31.3790, -15.4782

70.4890, 49.0589,
38.1591

235.4430,
-32.2634, -11.7895

58.4170, 55.0104,
42.6073

237.5360,
-33.2952, -7.4861

Harmonies

Analogous

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



166.2710, 2.3314, -1.1147



166.4670, 1.7418, 1.3444



166.5490, 0.7153, 3.9035

Triad

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



166.4670, 1.7418, 1.3444



166.0390, -2.4842, 3.4738



165.4940, 0.7425, -4.8182

Complementary

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



166.4670, 1.7418, 1.3444



168.5330, -1.7418, -1.3444

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.



165.4510, -0.7153, -3.9035



166.4670, 1.7418, 1.3444



165.7290, -2.3314, 1.1147

Square

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



166.4670, 1.7418, 1.3444



166.7510, -2.3422, 4.6034



165.5330, -1.7418, -1.3444



165.2490, 2.3422, -4.6034

Rectangle

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



166.4670, 1.7418, 1.3444



166.6200, -0.3057, 4.7183



165.5330, -1.7418, -1.3444



165.3800, 0.3057, -4.7183

Sweetspot

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



166.4670, 1.7418, 1.3444



220.5270, 0.7262, 0.4148



166.7440, 1.6052, -1.5295



111.4130, 0.2894, 0.5148



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.



166.4670, 1.7418, 1.3444



215.5210, 3.1941, 2.1741



166.9510, 1.0102, 2.6740



81.0540, 1.4524, 0.8296



43.4830, 51.5269, 39.9184



5.8680, 6.9671, 5.3778

Inverse Universe

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



166.7230, 0.1366, 2.8739



216.1470, 0.4205, 5.1331



167.9350, -1.4470, -2.5740



81.4240, 0.2840, 2.2592



50.9780, 3.9548, 85.0883



6.8920, 0.5462, 11.4957

Previews

White Background



This preview shows how the YUV color 166.4670, 1.7418, 1.3444 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 166.4670, 1.7418, 1.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

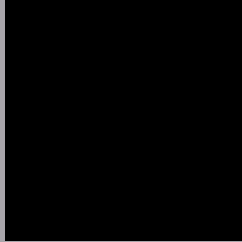
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

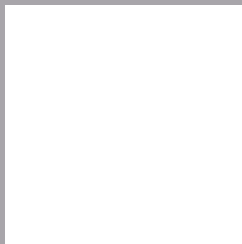
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 166.4670, 1.7418, 1.3444

Background



This preview shows how black text looks on a background with the YUV color 166.4670, 1.7418, 1.3444.



This preview shows how white text looks on a background with the YUV color 166.4670, 1.7418,

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

166.4670, 1.7418, 1.3444

Protanopia

166.4670, 1.7418, 1.3444

Deuteranopia

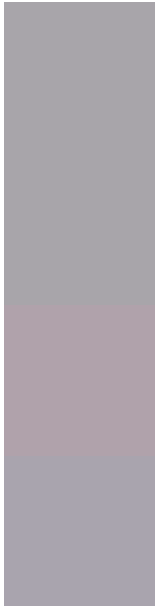
167.8210, 1.5672, 10.6810



Tritanopia

166.9770, 4.9413, 1.7742

Trichromacy



Original Color

166.4670, 1.7418, 1.3444

Protanomaly

166.4670, 1.7418, 1.3444

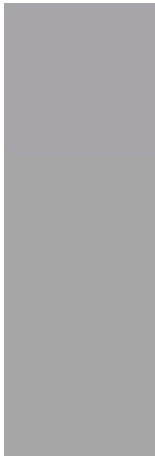
Deuteranomaly

167.2120, 1.8675, 7.7071

Tritanomaly

166.6350, 3.6309, 2.0741

Monochromacy



Original Color

166.4670, 1.7418, 1.3444

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.4130, 0.2894, 0.5148

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.4670, 1.7418, 1.3444 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(168, 165, 170)` looks like.

```
.text, #text, p{  
    color:rgb(168, 165, 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(168, 165, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 165, 170) }
```

Border

The CSS property to change the border of an element to YUV 166.4670, 1.7418, 1.3444 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(168, 165, 170) }
```


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

```
.border{ border-color:rgb(168, 165, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 165, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 165, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 165, 170);  
box-shadow:4px 4px 4px 4px rgb(168, 165,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 166.4670, 1.7418, 1.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 165, 170) }
```

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

```
.background{ background-color: rgb(168,  
165, 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](#).

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