

Converting Colors

YUV(166.6830, 4.1003, -8.4920)

Have a look what the booklet for
YUV(166.6830, 4.1003, -8.4920)
contains.

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Color

**YUV(166.6830, 4.1003,
-8.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	9DAAAF
RGB	157, 170, 175
RGB Percent	62%, 67%, 69%
CMY	0.3843, 0.3333, 0.3137
CMYK	0.10, 0.03, 0.00, 0.31
HSL	197°, 10%, 65%
HSV	197°, 10%, 69%
XYZ	36.0172, 39.0127, 46.1893
YIQ	166.6830, -9.3530, -1.2010

Conversions

Conversions Part 2

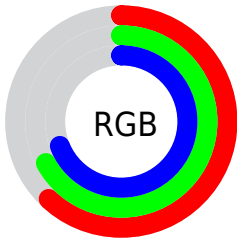
Format	Color
RYB	157, 165, 175
Decimal	10332847
CIELab	68.76, -3.53, -4.14
CIElCh	69, 5.436, 229.565
Yxy	39.0127, 0.2971, 0.3218
Android (android.graphics.Color)	4288522927 (0xFF9DAAAF)
YUV	166.6830, 4.1003, -8.4920
Hunter-Lab	62.4601, -6.3744, -0.1229

Details

The YUV color **166.6830, 4.1003, -8.4920** is a light color, and the websafe version is hex **999999**. A complement of this color would be **165.3170, -4.1003, 8.4920**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.6830, 4.1003, -8.4920**, and **114.9820, 3.9529, -7.8772** is the 20% darker color. If you saturate the color by 10%, you get **158.6650, 8.0532, -16.3692**, and if you desaturate by 10%, it is **175.0000, 0.0000, 0.0000**.

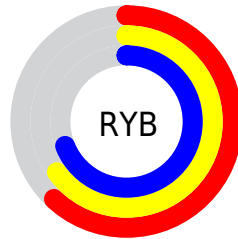
Distribution



Red (62%)

Green (67%)

Blue (69%)



Red (62%)

Yellow (65%)

Blue (69%)

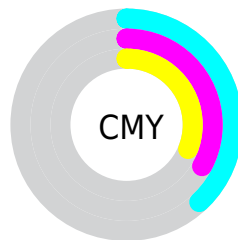


Cyan (10%)

Magenta (3%)

Yellow (0%)

Black (31%)



Cyan (38%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.6830, 4.1003, -8.4920 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 166.6830, 4.1003, -8.4920 by changing the saturation by 10% instead.

■ 166.6830, 4.1003,
-8.4920

■ 166.6830, 4.1003,
-8.4920

255.0000, 0.0000,
0.0000

■ 140.5690, 3.6635,
-8.3920

■ 221.6830, 4.1003,
-8.4920

■ 114.9820, 3.9529,
-7.8772

■ 249.9280, 2.5005,
-8.7069

■ 89.9820, 3.9529,
-7.8772

■ 66.8680, 3.5161,
-7.7772

■ 44.1670, 3.3687,
-7.1625

■ 24.0530, 2.9319,
-7.0625

■ 0.5700, 2.1840,

-0.4999

■ 0.0000, 0.0000,
0.0000

■ 166.6830, 4.1003,
-8.4920

■ 166.6830, 4.1003,
-8.4920

■ 158.6650, 8.0532,
-16.3692

■ 175.0000, 0.0000,
0.0000

■ 150.3480, 12.1534,
-24.8612

■ 183.0180, -3.9529,
7.8772

■ 142.3300, 16.1063,
-32.7384

■ 191.3350, -8.0532,
16.3692

■ 134.6000, 19.9172,
-41.7452

■ 198.7660,
-11.7166, 24.7612

■ 126.5820, 23.8701,
-49.6224

■ 207.0830,
-15.8169, 33.2532

■ 118.2650, 27.9704,
-58.1144

■ 213.0080,
-18.7379, 36.8270

■ 110.2470, 31.9232,
-65.9916

■ 215.9430,
-20.1849, 34.2530

■ 101.9300, 36.0235,
-74.4836

■ 218.8780,
-21.6319, 31.6790

■ 93.9120, 39.9764,
-82.3608

■ 221.8130,
-23.0788, 29.1050

Harmonies

Analogous

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



166.5150, 2.2111, -9.2217



166.6830, 4.1003, -8.4920



167.5200, 4.6736, -5.7180

Triad

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



166.6830, 4.1003, -8.4920



169.1580, 0.4151, 6.8774



166.8600, -4.3680, 0.9998

Complementary

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



166.6830, 4.1003, -8.4920



165.3170, -4.1003, 8.4920

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.



168.0670, -4.9630, 5.2032



166.6830, 4.1003, -8.4920



169.1860, -2.0637, 8.6069

Square

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



166.6830, 4.1003, -8.4920



169.0050, 2.4625, 3.5036



168.3170, -4.1003, 8.4920



166.8810, -2.8993, -3.4036

Rectangle

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



166.6830, 4.1003, -8.4920



168.1290, 4.3734, -2.7441



168.3170, -4.1003, 8.4920



167.4580, -4.6628, 2.2293

Sweetspot

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



166.6830, 4.1003, -8.4920



223.7330, 1.6106, -3.2738



168.1360, -3.0250, -9.7663



112.3310, 1.3158, -2.0443



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.



166.6830, 4.1003, -8.4920



214.2310, 6.2951, -12.4806



161.4000, 6.7048, -3.8588



82.5480, 2.1948, -3.9886



81.0830, 33.9761, -71.1098



12.6010, 5.1267, -11.0511

Inverse Universe

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



163.8640, 3.0250, 9.7663



210.2390, 4.3192, 14.6994



170.6000, -6.7048, 3.8588



81.3750, 1.2941, 4.9331



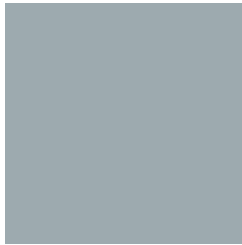
57.2760, 25.4999, 81.3189



8.8150, 4.0352, 12.4402

Previews

White Background



This preview shows how the YUV color 166.6830, 4.1003, -8.4920 looks on a white background.

Color Contrast Check

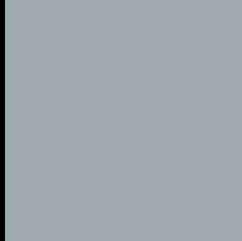
Large Text (above 18pt) WCAG AA × Fail

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 166.6830, 4.1003, -8.4920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

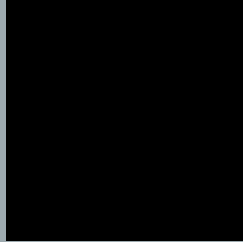
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

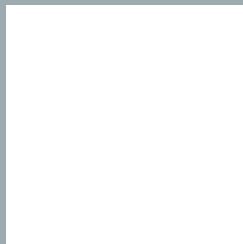
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 166.6830, 4.1003, -8.4920

Background



This preview shows how black text looks on a background with the YUV color 166.6830, 4.1003, -8.4920.



This preview shows how white text looks on a background with the YUV color 166.6830, 4.1003,

-8.4920.

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

166.6830, 4.1003, -8.4920

Protanopia

168.2820, 2.3260, 0.6297

Deuteranopia

169.5650, 3.1725, 9.1515



Tritanopia

167.1930, 7.2999, -8.0623

Trichromacy



Original Color

166.6830, 4.1003, -8.4920

Protanomaly

167.7870, 3.0630, -2.4442

Deuteranomaly

168.9340, 3.4835, 2.6889

Tritanomaly

166.8510, 5.9895, -7.7623

Monochromacy



Original Color

166.6830, 4.1003, -8.4920

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.7330, 1.6106, -3.2738

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.6830, 4.1003, -8.4920 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(157, 170, 175)` looks like.

```
.text, #text, p{  
    color:rgb(157, 170, 175)  
}
```

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(157, 170, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 170, 175) }
```

Border

The CSS property to change the border of an element to YUV 166.6830, 4.1003, -8.4920 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(157, 170, 175) }
```


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

```
.border{ border-color:rgb(157, 170, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 170, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 170, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 170, 175);  
box-shadow:4px 4px 4px 4px rgb(157, 170,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 166.6830, 4.1003, -8.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 170, 175) }
```

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

```
.background{ background-color: rgb(157,  
170, 175) }
```

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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