

Converting Colors

YUV(168.8340, -8.2992, 1.8996)

Have a look what the booklet for
YUV(168.8340, -8.2992, 1.8996)
contains.

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Color

**YUV(168.8340, -8.2992,
1.8996)**

Conversions

Conversions Part 1

Format	Color
Hex	ABAB98
RGB	171, 171, 152
RGB Percent	67%, 67%, 60%
CMY	0.3294, 0.3294, 0.4039
CMYK	0.00, 0.00, 0.11, 0.33
HSL	60°, 10%, 63%
HSV	60°, 11%, 67%
XYZ	37.0250, 40.0507, 35.4849
YIQ	168.8340, 6.0990, -5.9090

Conversions

Conversions Part 2

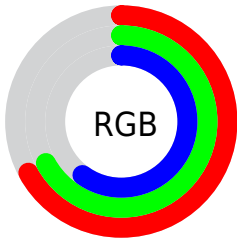
Format	Color
RYB	152, 171, 152
Decimal	11250584
CIELab	69.51, -3.39, 9.79
CIElCh	70, 10.362, 109.121
Yxy	40.0507, 0.3289, 0.3558
Android (android.graphics.Color)	4289440664 (0xFFABAB98)
YUV	168.8340, -8.2992, 1.8996
Hunter-Lab	63.2857, -6.3193, 11.0555

Details

The YUV color **168.8340, -8.2992, 1.8996** is a light color, and the websafe version is hex **999999**. A complement of this color would be **154.1660, 8.2992, -1.8996**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.7200, -8.7360, 1.9996**, and **116.9480, -7.8624, 1.7996** is the 20% darker color. If you saturate the color by 10%, you get **166.8960, -15.7247, 3.5992**, and if you desaturate by 10%, it is **170.7720, -0.8736, 0.2000**.

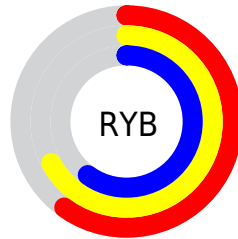
Distribution



Red (67%)

Green (67%)

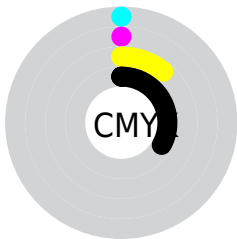
Blue (60%)



Red (60%)

Yellow (67%)

Blue (60%)

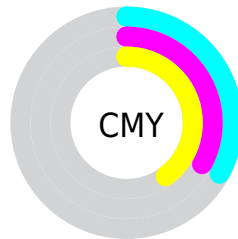


Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (33%)



Cyan (33%)


Magenta (33%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 168.8340, -8.2992, 1.8996 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 168.8340, -8.2992, 1.8996 by changing the saturation by 10% instead.


 168.8340, -8.2992,
1.8996


 168.8340, -8.2992,
1.8996


255.0000, 0.0000,
0.0000


 142.5350, -8.1518,
1.2848


 223.7200, -8.7360,
1.9996


 116.9480, -7.8624,
1.7996

 252.6060, -9.1728,
2.0995

 92.0620, -7.4256,
1.6996

 68.7630, -7.2782,
1.0848

 46.2900, -6.5520,
1.4997

 25.1760, -6.9888,
1.5996

 0.0000, 0.0000,

0.0000

■ 168.8340, -8.2992,
1.8996

■ 168.8340, -8.2992,
1.8996

■ 166.8960,
-15.7247, 3.5992

■ 170.7720, -0.8736,
0.2000

■ 164.9580,
-23.1503, 5.2988

■ 172.7100, 6.5520,
-1.4997

■ 163.0200,
-30.5759, 6.9985

■ 174.6480, 13.9775,
-3.1993

■ 161.0820,
-38.0014, 8.6981

■ 176.5860, 21.4031,
-4.8989

■ 159.0300,
-45.8638, 10.4977

■ 178.5240, 28.8287,
-6.5985

■ 157.0920,
-53.2894, 12.1973

■ 180.5760, 36.6910,
-8.3982

■ 155.1540,
-60.7149, 13.8969

■ 153.2160,
-68.1405, 15.5966

■ 151.5060,
-74.6925, 17.0962

Harmonies

Analogous

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



170.0630, -8.9051, 9.5917



168.8340, -8.2992, 1.8996



167.8760, -5.3619, -6.9073

Triad

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



168.8340, -8.2992, 1.8996



167.3660, 8.2006, -16.9840



172.0170, 0.9776, 13.1401

Complementary

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



168.8340, -8.2992, 1.8996



154.1660, 8.2992, -1.8996

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.



171.7110, 5.0725, 6.3925



168.8340, -8.2992, 1.8996



169.0400, 9.3473, -11.4361

Square

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



168.8340, -8.2992, 1.8996



166.3290, 4.2748, -17.8285



169.8670, 8.4466, -2.5144



171.7740, -3.8326, 15.9842

Rectangle

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



168.8340, -8.2992, 1.8996



167.3530, -2.1460, -11.7106



169.8670, 8.4466, -2.5144



171.7610, 2.5828, 11.6106

Sweetspot

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



168.8340, -8.2992, 1.8996



221.2020, -3.0576, 0.6998



157.6810, -2.8007, 11.6808



111.5440, -1.7472, 0.3999



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.



168.8340, -8.2992, 1.8996



218.6940, -12.6671, 2.8994



165.8440, -6.8251, -4.2482



85.9740, -3.9312, 0.8998



132.9000, -65.5197, 14.9967



20.3780, -10.0464, 2.2995

Inverse Universe

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



154.1660, 8.2992, -1.8996



196.3060, 12.6671, -2.8994



156.8570, 6.9725, 3.6334



79.0260, 3.9312, -0.8998



17.1000, 65.5197, -14.9967



2.6220, 10.0464, -2.2995

Previews

White Background



This preview shows how the YUV color 168.8340, -8.2992, 1.8996 looks on a white background.

Color Contrast Check

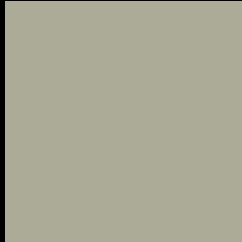
Large Text (above 18pt) WCAG AA × Fail

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 168.8340, -8.2992, 1.8996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

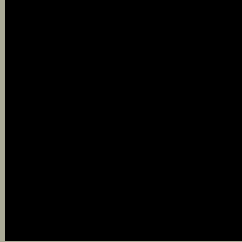
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

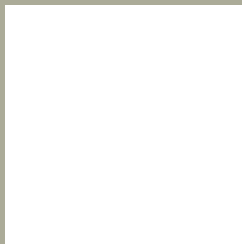
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 168.8340, -8.2992, 1.8996

Background



This preview shows how black text looks on a background with the YUV color 168.8340, -8.2992, 1.8996.



This preview shows how white text looks on a background with the YUV color 168.8340, -8.2992,

1.8996.

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

168.8340, -8.2992, 1.8996

Protanopia

169.3400, -9.0416, 6.7178

Deuteranopia

171.1180, -8.9322, 18.3135



Tritanopia

170.8740, 4.4991, 3.6185

Trichromacy



Original Color

168.8340, -8.2992, 1.8996

Protanomaly

169.3290, -9.0362, 4.9735

Deuteranomaly

170.4870, -8.6211, 11.8509

Tritanomaly

170.0220, -0.0108, 3.4887

Monochromacy



Original Color

168.8340, -8.2992, 1.8996

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.2020, -3.0576, 0.6998

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.8340, -8.2992, 1.8996 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, 171, 152)` looks like.

```
.text, #text, p{  
    color:rgb(171, 171, 152)  
}
```

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, 171, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 171, 152) }
```

Border

The CSS property to change the border of an element to YUV 168.8340, -8.2992, 1.8996 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, 171, 152) }
```


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

```
.border{ border-color:rgb(171, 171, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 171, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 171, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 171, 152);  
box-shadow:4px 4px 4px 4px rgb(171, 171,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 168.8340, -8.2992, 1.8996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 171, 152) }
```

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

```
.background{ background-color: rgb(171,  
171, 152) }
```

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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