

Converting Colors

YUV(168.3570, -8.0640,
19.8579)

Have a look what the booklet for
YUV(168.3570, -8.0640, 19.8579)
contains.

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Color

**YUV(168.3570, -8.0640,
19.8579)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA098
RGB	191, 160, 152
RGB Percent	75%, 63%, 60%
CMY	0.2510, 0.3725, 0.4039
CMYK	0.00, 0.16, 0.20, 0.25
HSL	12°, 23%, 67%
HSV	12°, 20%, 75%
XYZ	39.7242, 38.4850, 35.0404
YIQ	168.3570, 21.0440, 4.0840

Conversions

Conversions Part 2

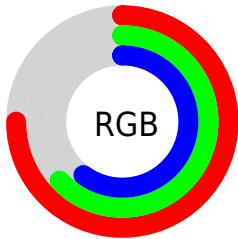
Format	Color
RYB	191, 162, 152
Decimal	12558488
CIELab	68.38, 10.14, 8.42
CIELCh	68, 13.180, 39.709
Yxy	38.4850, 0.3508, 0.3398
Android (android.graphics.Color)	4290748568 (0xFFBFA098)
YUV	168.3570, -8.0640, 19.8579
Hunter-Lab	62.0363, 5.7368, 9.9362

Details

The YUV color **168.3570, -8.0640, 19.8579** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **174.6430, 8.0640, -19.8579**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8410, -8.7956, 21.1874**, and **115.8730, -7.3324, 18.5284** is the 20% darker color. If you saturate the color by 10%, you get **157.3860, -12.0223, 29.4795**, and if you desaturate by 10%, it is **179.3280, -4.1057, 10.2363**.

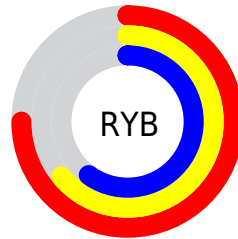
Distribution



Red (75%)

Green (63%)

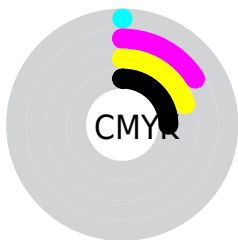
Blue (60%)



Red (75%)

Yellow (64%)

Blue (60%)

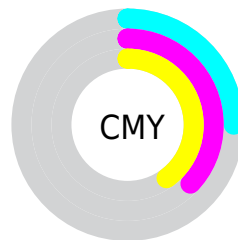


Cyan (0%)

Magenta (16%)

Yellow (20%)

Black (25%)



Cyan (25%)


Magenta (37%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 168.3570, -8.0640, 19.8579 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 168.3570, -8.0640, 19.8579 by changing the saturation by 10% instead.

 168.3570, -8.0640,
19.8579


 168.3570, -8.0640,
19.8579


255.0000, 0.0000,
0.0000


 142.0580, -7.9166,
19.2431


 223.8410, -8.7956,
21.1874


 115.8730, -7.3324,
18.5284

 245.5620, -5.7001,
8.2771

 91.2750, -7.0376,
17.2988

 67.6770, -6.7428,
16.0693

 45.1930, -6.0111,
14.7397

 24.3670, -6.5899,
13.7101

 2.3920, -1.1793,

4.9182

■ 0.0000, 0.0000,
0.0000

■ 168.3570, -8.0640,
19.8579

■ 168.3570, -8.0640,
19.8579

■ 157.3860,
-12.0223, 29.4795

■ 179.3280, -4.1057,
10.2363

■ 146.4150,
-15.9806, 39.1010

■ 190.2990, -0.1474,
0.6148

■ 134.8570,
-19.6495, 49.2374

■ 201.8570, 3.5215,
-9.5216

■ 123.8860,
-23.6078, 58.8590

■ 212.8280, 7.4798,
-19.1432

■ 112.8010,
-28.0029, 68.5805

■ 223.9130, 11.8749,
-28.8647

■ 101.8300,
-31.9612, 78.2021

■ 233.5160, 10.5916,
-37.2865

■ 90.8590, -35.9195,
87.8237

■ 235.8640, 9.4340,
-39.3457

■ 80.0020, -39.4410,
97.3452

Harmonies

Analogous

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



169.3230, -3.1172, 19.8877



168.3570, -8.0640, 19.8579



167.2270, -10.9579, 14.7099

Triad

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



168.3570, -8.0640, 19.8579



163.2170, -2.5720, -15.0993



166.6430, 11.5150, -6.7029

Complementary

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



168.3570, -8.0640, 19.8579



174.6430, 8.0640, -19.8579

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.



164.6910, 11.9843, -17.2690



168.3570, -8.0640, 19.8579



162.7800, 3.5595, -21.7321

Square

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



168.3570, -8.0640, 19.8579



164.7900, -8.2775, -5.0778



163.1480, 8.8010, -22.9318



168.2100, 8.2775, 5.0778

Rectangle

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



168.3570, -8.0640, 19.8579



166.6670, -11.6678, 9.0620



163.1480, 8.8010, -22.9318



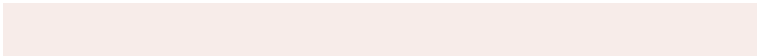
166.3220, 11.6733, -10.8064

Sweetspot

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



168.3570, -8.0640, 19.8579



238.9470, -2.9319, 7.0625



167.1950, 7.7919, 20.8770



119.8650, -1.9054, 4.5034



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



168.3570, -8.0640, 19.8579



211.2830, -12.4645, 31.3238



179.5100, -13.5624, 10.0767



88.8650, -1.9054, 4.5034



66.0260, -32.5508, 80.6612



12.7910, -6.3060, 15.9693

Inverse Universe

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



174.6430, 8.0640, -19.8579



221.7170, 12.4645, -31.3238



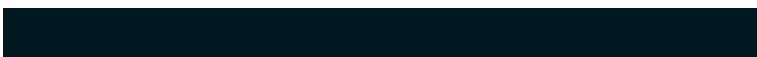
163.4900, 13.5624, -10.0767



90.1350, 1.9054, -4.5034



91.9740, 32.5508, -80.6612



17.6220, 6.5954, -15.4545

Previews

White Background



This preview shows how the YUV color 168.3570, -8.0640, 19.8579 looks on a white background.

Color Contrast Check

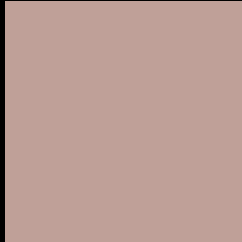
Large Text (above 18pt) WCAG AA × Fail

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 168.3570, -8.0640, 19.8579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

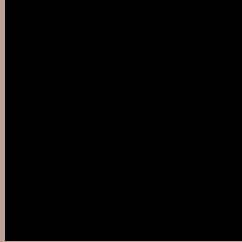
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.3570, -8.0640, 19.8579

Background



This preview shows how black text looks on a background with the YUV color 168.3570, -8.0640, 19.8579.



This preview shows how white text looks on a background with the YUV color 168.3570, -8.0640,

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

168.3570, -8.0640, 19.8579

Protanopia

166.8390, -5.8366, 5.4032

Deuteranopia

168.3460, -8.0586, 18.1136



Tritanopia

169.2460, 0.3717, 20.8323

Trichromacy



Original Color

168.3570, -8.0640, 19.8579

Protanomaly

167.6440, -6.7265, 10.8362

Deuteranomaly

168.6450, -8.2060, 18.7283

Tritanomaly

168.7360, -2.8278, 20.4025

Monochromacy



Original Color

168.3570, -8.0640, 19.8579

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.9470, -2.9319, 7.0625

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.3570, -8.0640, 19.8579 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(191, 160, 152)` looks like.

```
.text, #text, p{  
    color:rgb(191, 160, 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(191, 160, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 160, 152) }
```

Border

The CSS property to change the border of an element to YUV 168.3570, -8.0640, 19.8579 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(191, 160, 152) }
```


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

```
.border{ border-color:rgb(191, 160, 152) }
```

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

Here you see how a box with a 4 pixel rgb(191, 160, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 160, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 160, 152);  
box-shadow:4px 4px 4px 4px rgb(191, 160,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 168.3570, -8.0640, 19.8579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 160, 152) }
```

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

```
.background{ background-color: rgb(191,  
160, 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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