

Converting Colors

YUV(163.9080, 3.0034, 16.7437)

Have a look what the booklet for
YUV(163.9080, 3.0034, 16.7437)
contains.

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Color

**YUV(163.9080, 3.0034,
16.7437)**

Conversions

Conversions Part 1

Format	Color
Hex	B799AA
RGB	183, 153, 170
RGB Percent	72%, 60%, 67%
CMY	0.2824, 0.4000, 0.3333
CMYK	0.00, 0.16, 0.07, 0.28
HSL	326°, 17%, 66%
HSV	326°, 16%, 72%
XYZ	38.1754, 35.7520, 42.9190
YIQ	163.9080, 12.4230, 11.6470

Conversions

Conversions Part 2

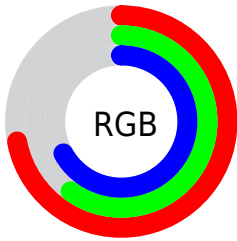
Format	Color
RYB	183, 153, 170
Decimal	12032426
CIELab	66.33, 14.04, -4.69
CIELCh	66, 14.801, 341.510
Yxy	35.7520, 0.3267, 0.3060
Android (android.graphics.Color)	4290222506 (0xFFB799AA)
YUV	163.9080, 3.0034, 16.7437
Hunter-Lab	59.7930, 9.3272, -0.7028

Details

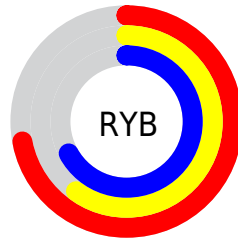
The YUV color **163.9080, 3.0034, 16.7437** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **172.0920, -3.0034, -16.7437**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.6200, 3.1453, 17.8733**, and **112.1960, 2.8614, 15.6141** is the 20% darker color. If you saturate the color by 10%, you get **152.4300, 4.7180, 26.8099**, and if you desaturate by 10%, it is **175.3860, 1.2887, 6.6775**.

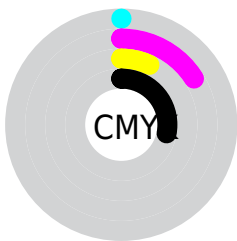
Distribution



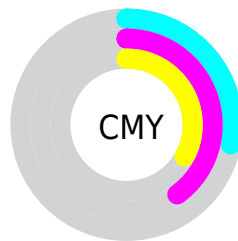
- Red (72%)
- Green (60%)
- Blue (67%)



- Red (72%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (16%)
- Yellow (7%)
- Black (28%)





- Cyan (28%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.9080, 3.0034, 16.7437 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 163.9080, 3.0034, 16.7437 by changing the saturation by 10% instead.


 163.9080, 3.0034,
16.7437

 163.9080, 3.0034,
16.7437


255.0000, 0.0000,
0.0000


 137.6090, 3.1508,
16.1289

 218.6200, 3.1453,
17.8733

 112.1960, 2.8614,
15.6141

 243.7330, 5.0616,
9.8812

 87.4840, 2.7194,
14.4845

 64.1850, 2.8668,
13.8698

 41.7720, 2.5774,
13.3550

 20.5870, 3.1616,
12.6402

 0.0000, 0.0000,

0.0000

■ 163.9080, 3.0034,
16.7437

■ 163.9080, 3.0034,
16.7437

■ 152.4300, 4.7180,
26.8099

■ 175.3860, 1.2887,
6.6775

■ 140.3650, 6.7221,
37.3909

■ 187.4510, -0.7153,
-3.9035

■ 128.8870, 8.4367,
47.4571

■ 198.9290, -2.4300,
-13.9697

■ 117.4090, 10.1514,
57.5233

■ 210.4070, -4.1447,
-24.0359

■ 105.3440, 12.1554,
68.1043

■ 221.8850, -5.8593,
-34.1021

■ 93.8660, 13.8701,
78.1705

■ 229.2540, -5.5482,
-40.5648

■ 82.3880, 15.5847,
88.2367

■ 230.1660, -2.0538,
-41.3646

■ 71.0240, 17.7362,
98.2030

■ 230.9640, 1.0037,
-42.0644

■ 66.5730, 18.4515,
102.1065

■ 231.8760, 4.4981,
-42.8643

Harmonies

Analogous

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



163.0360, 8.8563, 6.1074



163.9080, 3.0034, 16.7437



163.5190, -3.7069, 22.3468

Triad

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



163.9080, 3.0034, 16.7437



160.4170, -12.5306, 5.7733



157.1800, 10.2643, -25.5909

Complementary

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



163.9080, 3.0034, 16.7437



172.0920, -3.0034, -16.7437

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.



156.3990, 4.7333, -24.9059



163.9080, 3.0034, 16.7437



158.6650, -8.7088, -6.7222

Square

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



163.9080, 3.0034, 16.7437



162.0700, -12.8525, 15.7246



156.9070, -2.4192, -17.4584



159.0220, 13.3002, -19.3133

Rectangle

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



163.9080, 3.0034, 16.7437



163.1940, -7.4906, 22.6319



156.9070, -2.4192, -17.4584



157.1260, 8.8119, -26.4205

Sweetspot

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



163.9080, 3.0034, 16.7437



229.3860, 1.2887, 6.6775



160.3070, 11.1876, 4.9928



115.5490, 0.7153, 3.9035



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



163.9080, 3.0034, 16.7437



207.1310, 4.8654, 26.1951



162.1980, -3.5486, 18.2434



86.2610, 0.8573, 5.0331



56.6760, 15.4427, 87.1071



10.1960, 2.8614, 15.6141

Inverse Universe

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



163.9080, 3.0034, 16.7437



207.1310, 4.8654, 26.1951



173.8020, 3.5486, -18.2434



86.2610, 0.8573, 5.0331



56.6760, 15.4427, 87.1071



10.1960, 2.8614, 15.6141

Previews

White Background



This preview shows how the YUV color 163.9080, 3.0034, 16.7437 looks on a white background.

Color Contrast Check

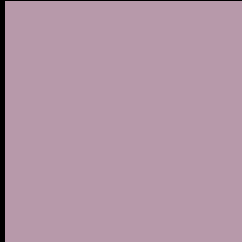
Large Text (above 18pt) WCAG AA × Fail

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 163.9080, 3.0034, 16.7437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

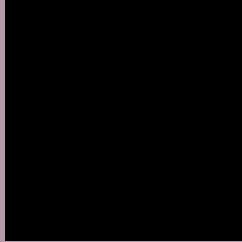
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.9080, 3.0034, 16.7437

Background



This preview shows how black text looks on a background with the YUV color 163.9080, 3.0034, 16.7437.



This preview shows how white text looks on a background with the YUV color 163.9080, 3.0034,

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

163.9080, 3.0034, 16.7437

Protanopia

161.7100, 6.5520, -1.4997

Deuteranopia

163.1520, 2.8831, 8.6367



Tritanopia

163.7400, 1.1142, 16.0140

Trichromacy



Original Color

163.9080, 3.0034, 16.7437

Protanomaly

162.1130, 5.3673, 5.1629

Deuteranomaly

163.7610, 2.5828, 11.6106

Tritanomaly

163.8540, 1.5510, 15.9140

Monochromacy



Original Color

163.9080, 3.0034, 16.7437

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.9730, 0.9993, 6.1627

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.9080, 3.0034, 16.7437 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(183, 153, 170)` looks like.

```
.text, #text, p{  
    color:rgb(183, 153, 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(183, 153, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 153, 170) }
```

Border

The CSS property to change the border of an element to YUV 163.9080, 3.0034, 16.7437 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(183, 153, 170) }
```


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

```
.border{ border-color:rgb(183, 153, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 153, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 153, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 153, 170);  
box-shadow:4px 4px 4px 4px rgb(183, 153,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 163.9080, 3.0034, 16.7437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 153, 170) }
```

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

```
.background{ background-color: rgb(183,  
153, 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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