

# Converting Colors

YUV(165.9300, 2.9925, 20.2324)

Have a look what the booklet for  
YUV(165.9300, 2.9925, 20.2324)  
contains.

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# Color

**YUV(165.9300, 2.9925,  
20.2324)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD99AC
RGB	189, 153, 172
RGB Percent	74%, 60%, 67%
CMY	0.2588, 0.4000, 0.3255
CMYK	0.00, 0.19, 0.09, 0.26
HSL	328°, 21%, 67%
HSV	328°, 19%, 74%
XYZ	39.8239, 36.5798, 43.9914
YIQ	165.9300, 15.3570, 13.5410

# Conversions

## Conversions Part 2

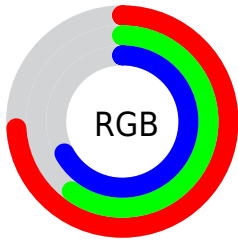
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 153, 172
Decimal	12425644
CIELab	66.96, 16.55, -4.82
CIELCh	67, 17.242, 343.772
Yxy	36.5798, 0.3308, 0.3038
Android (android.graphics.Color)	4290615724 (0xFFBD99AC)
YUV	165.9300, 2.9925, 20.2324
Hunter-Lab	60.4813, 11.6911, -0.7880

# Details

The YUV color  $165.9300, 2.9925, 20.2324$  is a light color, and the websafe version is hex  $CC9999$ . A complement of this color would be  $176.0700, -2.9925, -20.2324$ , and the grayscale version is  $166.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $220.9410, 2.9871, 21.9767$ , and  $113.9190, 2.9979, 18.4880$  is the 20% darker color. If you saturate the color by 10%, you get  $153.7510, 4.5598, 30.9134$ , and if you desaturate by 10%, it is  $178.1090, 1.4253, 9.5514$ .

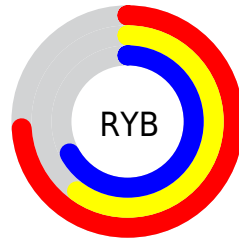
# Distribution



Red (74%)

Green (60%)

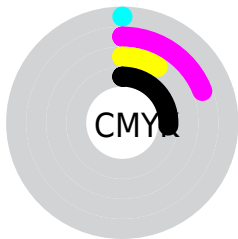
Blue (67%)



Red (74%)

Yellow (60%)

Blue (67%)

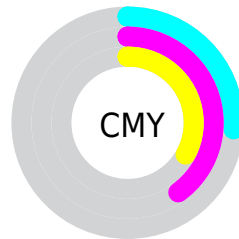


Cyan (0%)

Magenta (19%)

Yellow (9%)

Black (26%)



Cyan (26%)

Magenta (40%)


Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 165.9300, 2.9925, 20.2324 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 165.9300, 2.9925, 20.2324 by changing the saturation by 10% instead.





 165.9300, 2.9925,  
20.2324

 165.9300, 2.9925,  
20.2324

255.0000, 0.0000,  
0.0000

 139.5170, 2.7031,  
19.7176


 220.9410, 2.9871,  
21.9767

 113.9190, 2.9979,  
18.4880

 243.8470, 5.4984,  
9.7812

 89.5060, 2.7085,  
17.9732

 65.7940, 2.5666,  
16.8437

 43.1960, 2.8614,  
15.6141

 21.8970, 3.0088,  
14.9993

 2.6910, -1.3267,

5.5330

■ 0.0000, 0.0000,  
0.0000

■ 165.9300, 2.9925,  
20.2324

■ 165.9300, 2.9925,  
20.2324

■ 153.7510, 4.5598,  
30.9134

■ 178.1090, 1.4253,  
9.5514

■ 141.5720, 6.1270,  
41.5944

■ 190.2880, -0.1420,  
-1.1296

■ 129.3930, 7.6943,  
52.2753

■ 202.4670, -1.7092,  
-11.8106

■ 117.2140, 9.2615,  
62.9563

■ 214.6460, -3.2765,  
-22.4915

■ 105.6220, 10.5394,  
73.1225

■ 226.8250, -4.8437,  
-33.1725

■ 93.4430, 12.1066,  
83.8035

■ 231.9600, -2.9383,  
-37.6759

■ 81.3780, 14.1106,  
94.3845

■ 232.8720, 0.5561,  
-38.4757

■ 69.1990, 15.6779,  
105.0655

■ 233.8980, 4.4873,  
-39.3755

■ 67.9110, 15.8199,  
106.1951

■ 234.9240, 8.4185,  
-40.2753

# Harmonies

## Analogous

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



165.2750, 9.7244, 7.6518



165.9300, 2.9925, 20.2324



165.3130, -4.5913, 26.0355

# Triad

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



165.9300, 2.9925, 20.2324



161.6620, -14.1304, 5.5584



157.5430, 13.0433, -30.2942

# Complementary

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



165.9300, 2.9925, 20.2324



176.0700, -2.9925, -20.2324

# 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.



157.1210, 6.3493, -29.9241



165.9300, 2.9925, 20.2324



160.0130, -9.8664, -8.7814

# Square

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



165.9300, 2.9925, 20.2324



163.3260, -14.4577, 17.2541



157.7000, -1.8241, -21.6619



160.2820, 15.6370, -22.1723



# Rectangle

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



165.9300, 2.9925, 20.2324



164.7600, -9.2487, 26.5205



157.7000, -1.8241, -21.6619



157.3750, 11.1541, -31.0239

# Sweetspot

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



165.9300, 2.9925, 20.2324



235.3970, 1.2833, 8.4218



162.1870, 13.2188, 6.8520



116.8480, 0.5679, 4.5183



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



165.9300, 2.9925, 20.2324



208.4630, 4.7017, 32.0429



163.8780, -4.8699, 22.0320



88.2610, 0.8573, 5.0331



56.7040, 12.9639, 88.8366



11.0930, 2.4192, 17.4584



# Inverse Universe

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



165.9300, 2.9925, 20.2324



208.4630, 4.7017, 32.0429



178.1220, 4.8699, -22.0320



88.2610, 0.8573, 5.0331



56.7040, 12.9639, 88.8366

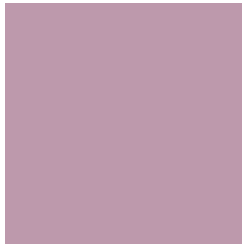


11.0930, 2.4192, 17.4584



# Previews

## White Background



This preview shows how the YUV color 165.9300, 2.9925, 20.2324 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

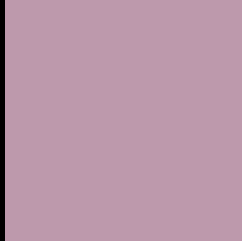
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 165.9300, 2.9925, 20.2324 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 165.9300, 2.9925, 20.2324 Background



This preview shows how black text looks on a background with the YUV color 165.9300, 2.9925, 20.2324.



This preview shows how white text looks on a background with the YUV color 165.9300, 2.9925,



# 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

165.9300, 2.9925, 20.2324

### Protanopia

163.8240, 6.9888, -1.5996

### Deuteranopia

164.5650, 3.1725, 9.1515



## Tritanopia

165.5340, 0.2297, 19.7027

# Trichromacy



## Original Color

165.9300, 2.9925, 20.2324

## Protanomaly

164.8250, 5.5093, 6.2925

## Deuteranomaly

164.8860, 3.0142, 13.2550

## Tritanomaly

165.7620, 1.1033, 19.5027

# Monochromacy



## Original Color

165.9300, 2.9925, 20.2324

## Achromatopsia

166.0000, 0.0000, 0.0000

## Achromatomaly

165.6850, 1.1413, 7.2923

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 165.9300, 2.9925, 20.2324 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(189, 153, 172)` looks like.

```
.text, #text, p{  
    color:rgb(189, 153, 172)  
}
```

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(189, 153, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 153, 172) }
```

## Border

The CSS property to change the border of an element to YUV 165.9300, 2.9925, 20.2324 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(189, 153, 172) }
```



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

```
.border{ border-color:rgb(189, 153, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 153, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 153, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 153, 172);  
box-shadow:4px 4px 4px 4px rgb(189, 153,  
172) }
```

# Background

The CSS property to change the background color of an element to YUV 165.9300, 2.9925, 20.2324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 153, 172) }
```

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

```
.background{ background-color: rgb(189,  
153, 172) }
```

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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