

# Converting Colors

YUV(165.5870, 3.1616, 12.6402)

Have a look what the booklet for  
YUV(165.5870, 3.1616, 12.6402)  
contains.

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# Color

**YUV(165.5870, 3.1616,  
12.6402)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B49DAC
RGB	180, 157, 172
RGB Percent	71%, 62%, 67%
CMY	0.2941, 0.3843, 0.3255
CMYK	0.00, 0.13, 0.04, 0.29
HSL	321°, 13%, 66%
HSV	321°, 13%, 71%
XYZ	38.3258, 36.7958, 44.1120
YIQ	165.5870, 8.8930, 9.5410

# Conversions

## Conversions Part 2

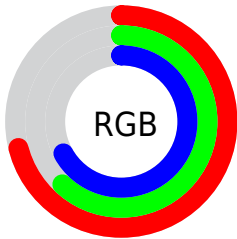
Format	Color
R <sub>YB</sub>	180, 157, 172
Decimal	11836844
CIE Lab	67.12, 11.10, -4.67
CIE LCh	67, 12.044, 337.173
Yxy	36.7958, 0.3214, 0.3086
Android (android.graphics.Color)	4290026924 (0xFFB49DAC)
YUV	165.5870, 3.1616, 12.6402
Hunter-Lab	60.6595, 6.6252, -0.6544

# Details

The YUV color **165.5870, 3.1616, 12.6402** is a light color, and the websafe version is hex **999999**. A complement of this color would be **171.4130, -3.1616, -12.6402**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.8860, 3.0142, 13.2550**, and **113.8750, 3.0196, 11.5106** is the 20% darker color. If you saturate the color by 10%, you get **154.3370, 5.7499, 22.5065**, and if you desaturate by 10%, it is **176.8370, 0.5734, 2.7740**.

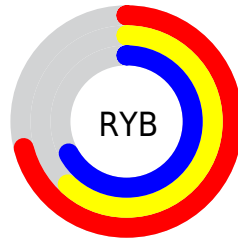
# Distribution



Red (71%)

Green (62%)

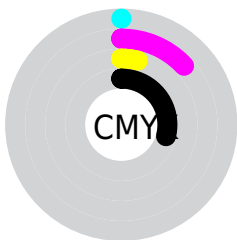
Blue (67%)



Red (71%)

Yellow (62%)

Blue (67%)

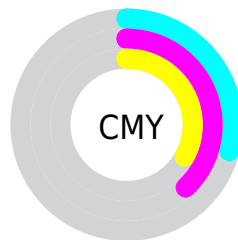


Cyan (0%)

Magenta (13%)

Yellow (4%)

Black (29%)



Cyan (29%)

Magenta (38%)


Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 165.5870, 3.1616, 12.6402 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 165.5870, 3.1616, 12.6402 by changing the saturation by 10% instead.



 165.5870, 3.1616,  
12.6402


 165.5870, 3.1616,  
12.6402

255.0000, 0.0000,  
0.0000

 139.1740, 2.8722,  
12.1254

 220.8860, 3.0142,  
13.2550


 113.8750, 3.0196,  
11.5106

 246.1950, 4.3409,  
7.7220

 88.8750, 3.0196,  
11.5106

 65.4620, 2.7302,  
10.9958

 43.7500, 2.5882,  
9.8663

 22.4510, 2.7357,  
9.2515

 0.0000, 0.0000,

0.0000

■ 165.5870, 3.1616,  
12.6402

■ 165.5870, 3.1616,  
12.6402

■ 154.3370, 5.7499,  
22.5065

■ 176.8370, 0.5734,  
2.7740

■ 142.9730, 7.9013,  
32.4727

■ 188.2010, -1.5781,  
-7.1923

■ 131.7230, 10.4896,  
42.3389

■ 199.4510, -4.1663,  
-17.0585

■ 120.4730, 13.0778,  
52.2052

■ 210.7010, -6.7546,  
-26.9248

■ 109.2230, 15.6661,  
62.0714

■ 221.9510, -9.3428,  
-36.7910

■ 97.8590, 17.8175,  
72.0377

■ 227.4450, -8.6004,  
-41.6093

■ 86.6090, 20.4058,  
81.9039

■ 228.1290, -5.9796,  
-42.2091

■ 75.3590, 22.9940,  
91.7702

■ 228.8130, -3.3588,  
-42.8090

■ 67.1580, 24.5721,  
98.9624

■ 229.4970, -0.7380,  
-43.4089

# Harmonies

## Analogous

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



165.0850, 7.8461, 3.4335



165.5870, 3.1616, 12.6402



165.5400, -2.2382, 17.9434

# Triad

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



165.5870, 3.1616, 12.6402



162.6990, -10.2046, 6.4030



159.9310, 7.9220, -20.9875

# Complementary

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



165.5870, 3.1616, 12.6402



171.4130, -3.1616, -12.6402

# 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.



159.6770, 3.1172, -19.8877



165.5870, 3.1616, 12.6402



161.6160, -7.6987, -4.0482

# Square

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



165.5870, 3.1616, 12.6402



164.1560, -9.9369, 13.8952



160.2280, -2.5774, -13.3550



161.6480, 10.5265, -16.3543



# Rectangle

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



165.5870, 3.1616, 12.6402



165.6280, -5.7326, 18.7432



160.2280, -2.5774, -13.3550



160.1760, 6.3222, -21.2024

# Sweetspot

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



165.5870, 3.1616, 12.6402



228.6740, 1.1467, 5.5479



162.0140, 8.8671, 2.6187



113.2500, 0.8628, 3.2888



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000



# Same Dimension

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



165.5870, 3.1616, 12.6402



212.3860, 4.7397, 19.8325



164.3330, -1.6432, 13.7400



83.3750, 1.2941, 4.9331



57.1470, 21.1265, 84.0631



9.7120, 3.5930, 14.2846



# Inverse Universe

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



165.5870, 3.1616, 12.6402



212.3860, 4.7397, 19.8325



172.6670, 1.6432, -13.7400



83.3750, 1.2941, 4.9331



57.1470, 21.1265, 84.0631

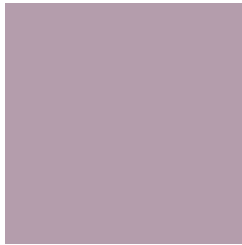


9.7120, 3.5930, 14.2846



# Previews

## White Background



This preview shows how the YUV color 165.5870, 3.1616, 12.6402 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

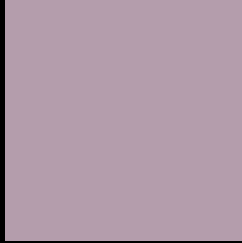
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 165.5870, 3.1616, 12.6402 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

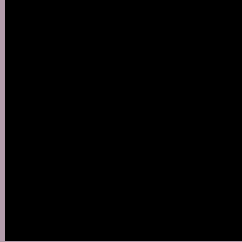
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 165.5870, 3.1616, 12.6402

## Background



This preview shows how black text looks on a background with the YUV color 165.5870, 3.1616, 12.6402.



This preview shows how white text looks on a background with the YUV color 165.5870, 3.1616,



# 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

165.5870, 3.1616, 12.6402

### Protanopia

163.7810, 5.5310, -0.6849

### Deuteranopia

165.5650, 3.1725, 9.1515



## Tritanopia

165.3590, 2.2880, 12.8402

# Trichromacy



## Original Color

165.5870, 3.1616, 12.6402

## Protanomaly

164.2870, 4.7885, 4.1333

## Deuteranomaly

165.2770, 3.3144, 10.2811

## Tritanomaly

165.4730, 2.7248, 12.7402

# Monochromacy



## Original Color

165.5870, 3.1616, 12.6402

## Achromatopsia

166.0000, 0.0000, 0.0000

## Achromatomaly

165.9620, 1.0047, 4.4183

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 165.5870, 3.1616, 12.6402 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(180, 157, 172)` looks like.

```
.text, #text, p{  
    color:rgb(180, 157, 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(180, 157, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 157, 172) }
```

## Border

The CSS property to change the border of an element to YUV 165.5870, 3.1616, 12.6402 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(180, 157, 172) }
```



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

```
.border{ border-color:rgb(180, 157, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 157, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 157, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 157, 172);  
box-shadow:4px 4px 4px 4px rgb(180, 157,  
172) }
```

# Background

The CSS property to change the background color of an element to YUV 165.5870, 3.1616, 12.6402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 157, 172) }
```

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

```
.background{ background-color: rgb(180,  
157, 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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