

# Converting Colors

YUV(150.3270, 4.2758, 28.6542)

Have a look what the booklet for  
YUV(150.3270, 4.2758, 28.6542)  
contains.

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# Color

**YUV(150.3270, 4.2758,  
28.6542)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7849F
RGB	183, 132, 159
RGB Percent	72%, 52%, 62%
CMY	0.2824, 0.4824, 0.3765
CMYK	0.00, 0.28, 0.13, 0.28
HSL	328°, 26%, 62%
HSV	328°, 28%, 72%
XYZ	34.0377, 29.0730, 36.6186
YIQ	150.3270, 21.7290, 19.2090

# Conversions

## Conversions Part 2

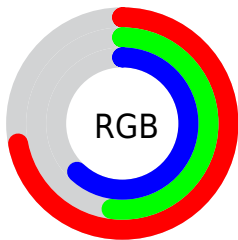
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 132, 159
Decimal	12027039
CIELab	60.85, 23.83, -6.59
CIELCh	61, 24.729, 344.543
Yxy	29.0730, 0.3413, 0.2915
Android (android.graphics.Color)	4290217119 (0xFFB7849F)
YUV	150.3270, 4.2758, 28.6542
Hunter-Lab	53.9194, 18.3228, -2.5223

# Details

The YUV color  $150.3270, 4.2758, 28.6542$  is a light color, and the websafe version is hex  $CC99CC$ . A complement of this color would be  $164.6730, -4.2758, -28.6542$ , and the grayscale version is  $150.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $204.7510, 4.5598, 30.9134$ , and  $99.0170, 4.4286, 26.2951$  is the 20% darker color. If you saturate the color by 10%, you get  $138.7350, 5.5536, 38.8204$ , and if you desaturate by 10%, it is  $161.9190, 2.9979, 18.4880$ .

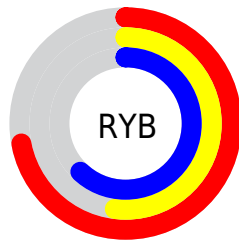
# Distribution



Red (72%)

Green (52%)

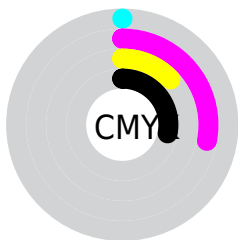
Blue (62%)



Red (72%)

Yellow (52%)

Blue (62%)

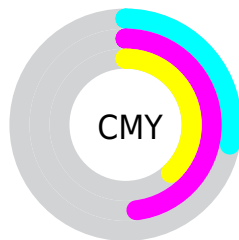


Cyan (0%)

Magenta (28%)

Yellow (13%)

Black (28%)



Cyan (28%)

Magenta (48%)


Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 150.3270, 4.2758, 28.6542 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 150.3270, 4.2758, 28.6542 by changing the saturation by 10% instead.





 150.3270, 4.2758,  
28.6542

 150.3270, 4.2758,  
28.6542

255.0000, 0.0000,  
0.0000


 124.0280, 4.4232,  
28.0394

 204.7510, 4.5598,  
30.9134


 99.0170, 4.4286,  
26.2951


 228.8640, 6.4760,  
22.9213

 74.3050, 4.2866,  
25.1655

 247.3690, 3.7621,  
6.6924

 51.0060, 4.4340,  
24.5507

 28.5220, 5.1657,  
23.2212

 12.8160, 2.5557,  
20.3324

 0.0000, 0.0000,

0.0000

150.3270, 4.2758,  
28.6542

150.3270, 4.2758,  
28.6542

138.7350, 5.5536,  
38.8204

161.9190, 2.9979,  
18.4880

126.6700, 7.5577,  
49.4014

173.9840, 0.9939,  
7.9070

115.0780, 8.8355,  
59.5676

185.5760, -0.2840,  
-2.2592

103.6000, 10.5502,  
69.6338

197.0540, -1.9986,  
-12.3254

92.0080, 11.8281,  
79.8000

209.2330, -3.5659,  
-23.0063

79.8290, 13.3953,  
90.4810

220.8250, -4.8437,  
-33.1725

■ 68.3510, 15.1100,  
100.5472

■ 229.3680, -5.1114,  
-40.6647

■ 65.7750, 15.3939,  
102.8063

■ 230.3940, -1.1802,  
-41.5645

■ 231.4200, 2.7509,  
-42.4643

# Harmonies

## Analogous

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



150.0350, 13.7867, 11.3703



150.3270, 4.2758, 28.6542



149.6240, -6.2236, 36.2868

# Triad

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



150.3270, 4.2758, 28.6542



144.7670, -20.0981, 6.3433



136.8550, 19.7915, -48.1078

# Complementary

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



150.3270, 4.2758, 28.6542



164.6730, -4.2758, -28.6542

# 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.



136.0480, 10.3293, -46.5231



150.3270, 4.2758, 28.6542



142.0680, -13.3445, -13.2146

# Square

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



150.3270, 4.2758, 28.6542



147.0510, -20.7311, 22.7573



138.5200, -2.2284, -32.0280



141.4530, 22.9477, -33.7233



# Rectangle

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



150.3270, 4.2758, 28.6542



148.6040, -12.6228, 35.4273



138.5200, -2.2284, -32.0280



136.1600, 17.1761, -49.2523

# Sweetspot

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



150.3270, 4.2758, 28.6542



224.8210, 1.5672, 10.6810



144.9900, 18.7389, 9.6558



112.2720, 0.8519, 6.7775



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.



150.3270, 4.2758, 28.6542



186.9960, 6.4110, 43.8535



147.4770, -6.6442, 31.1537



86.1470, 0.4205, 5.1331



55.9920, 12.8219, 87.7070



10.0820, 2.4246, 15.7141



# Inverse Universe

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



150.3270, 4.2758, 28.6542



186.9960, 6.4110, 43.8535



167.5230, 6.6442, -31.1537



86.1470, 0.4205, 5.1331



55.9920, 12.8219, 87.7070

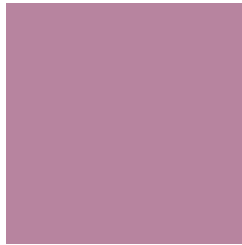


10.0820, 2.4246, 15.7141



# Previews

## White Background



This preview shows how the YUV color 150.3270, 4.2758, 28.6542 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

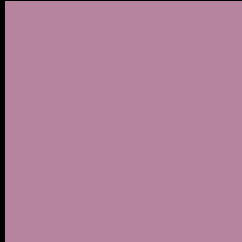
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 150.3270, 4.2758, 28.6542 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 × Fail

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

# YUV 150.3270, 4.2758, 28.6542

## Background



This preview shows how black text looks on a background with the YUV color 150.3270, 4.2758, 28.6542.



This preview shows how white text looks on a background with the YUV color 150.3270, 4.2758,



# 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

150.3270, 4.2758, 28.6542

### Protanopia

147.9100, 9.9044, -3.4291

### Deuteranopia

148.7820, 4.0515, 7.2072



## Tritanopia

149.3070, -2.1234, 27.7948

# Trichromacy



## Original Color

150.3270, 4.2758, 28.6542

## Protanomaly

148.8190, 7.9772, 8.0517

## Deuteranomaly

149.2390, 4.3192, 14.6994

## Tritanomaly

149.5890, 0.2026, 28.4244

# Monochromacy



## Original Color

150.3270, 4.2758, 28.6542

## Achromatopsia

150.0000, 0.0000, 0.0000

## Achromatomaly

149.8210, 1.5672, 10.6810

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 150.3270, 4.2758, 28.6542 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, 132, 159)` looks like.

```
.text, #text, p{  
    color:rgb(183, 132, 159)  
}
```

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, 132, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 132, 159) }
```

## Border

The CSS property to change the border of an element to YUV 150.3270, 4.2758, 28.6542 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".

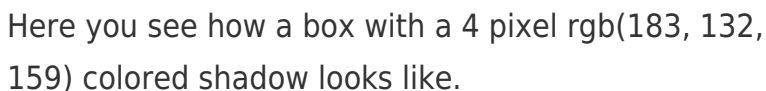
```
.border, #border, table{ border:4px solid rgb(183, 132, 159) }
```



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

```
.border{ border-color:rgb(183, 132, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 132, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 132, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 132, 159); box-shadow:4px 4px 4px 4px rgb(183, 132, 159) }
```

# Background

The CSS property to change the background color of an element to YUV 150.3270, 4.2758, 28.6542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 132, 159) }
```

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

```
.background{ background-color: rgb(183,  
132, 159) }
```

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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