

# Converting Colors

YUV(170.4400, 9.6431, 33.8171)

Have a look what the booklet for  
YUV(170.4400, 9.6431, 33.8171)  
contains.

<b>YUV(170.4400, 9.6431, 33.8171)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(170.4400, 9.6431,  
33.8171)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D193BE
RGB	209, 147, 190
RGB Percent	82%, 58%, 75%
CMY	0.1804, 0.4235, 0.2549
CMYK	0.00, 0.30, 0.09, 0.18
HSL	318°, 40%, 70%
HSV	318°, 30%, 82%
XYZ	46.0225, 38.1405, 53.6514
YIQ	170.4400, 23.1490, 26.5170

# Conversions

## Conversions Part 2

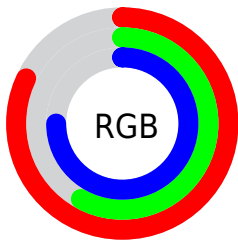
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	209, 147, 190
Decimal	13734846
CIE Lab	68.12, 30.02, -12.93
CIE LCh	68, 32.689, 336.705
Yxy	38.1405, 0.3339, 0.2768
Android (android.graphics.Color)	4291924926 (0xFFD193BE)
YUV	170.4400, 9.6431, 33.8171
Hunter-Lab	61.7580, 24.9431, -8.2768

# Details

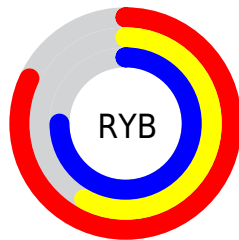
The YUV color **170.4400, 9.6431, 33.8171** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **185.5600, -9.6431, -33.8171**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.8630, 11.4065, 28.1841**, and **117.4290, 9.6485, 32.0728** is the 20% darker color. If you saturate the color by 10%, you get **157.4290, 13.0995, 45.2278**, and if you desaturate by 10%, it is **183.4510, 6.1867, 22.4065**.

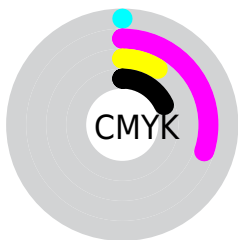
# Distribution



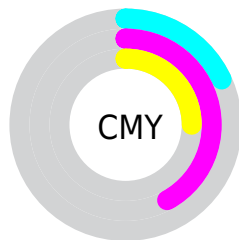
- Red (82%)
- Green (58%)
- Blue (75%)



- Red (82%)
- Yellow (58%)
- Blue (75%)



- Cyan (0%)
- Magenta (30%)
- Yellow (9%)
- Black (18%)



- Cyan (18%)
- Magenta (42%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 170.4400, 9.6431, 33.8171 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 170.4400, 9.6431, 33.8171 by changing the saturation by 10% instead.




 170.4400, 9.6431,  
33.8171

 170.4400, 9.6431,  
33.8171

255.0000, 0.0000,  
0.0000


 143.7280, 9.5011,  
32.6875

 222.8630, 11.4065,  
28.1841


 117.4290, 9.6485,  
32.0728

 240.3250, 7.2348,  
12.8700

 92.3040, 9.2171,  
30.4284

 67.7060, 9.5119,  
29.1988

 43.9940, 9.3700,  
28.0693

 20.2220, 10.2436,  
27.8693

 11.6630, 4.6031,

16.9585

■ 0.0000, 0.0000,  
0.0000

■ 170.4400, 9.6431,  
33.8171

■ 170.4400, 9.6431,  
33.8171

■ 157.4290, 13.0995,  
45.2278

■ 183.4510, 6.1867,  
22.4065

■ 144.3040, 16.1191,  
56.7384

■ 196.5760, 3.1670,  
10.8958

■ 131.2930, 19.5756,  
68.1490

■ 209.5870, -0.2894,  
-0.5148

■ 118.1680, 22.5952,  
79.6597

■ 222.7120, -3.3090,  
-12.0254

■ 105.7440, 25.7622,  
90.5555

■ 235.1360, -6.4760,  
-22.9213

■ 92.7330, 29.2186,  
101.9662

■ 238.1680, -5.0128,  
-25.5803

■ 79.6080, 32.2383,  
113.4768

■ 238.9660, -1.9552,  
-26.2802

■ 79.0210, 32.5276,  
113.9916

■ 239.6500, 0.6656,  
-26.8800

■ 240.4480, 3.7231,  
-27.5799

# Harmonies

## Analogous

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



169.0760, 21.6545, 7.8263



170.4400, 9.6431, 33.8171



169.7440, -4.8038, 47.5825

# Triad

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



170.4400, 9.6431, 33.8171



163.4600, -27.8348, 14.5056



147.8840, 25.6932, -74.4433

# Complementary

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



170.4400, 9.6431, 33.8171



185.5600, -9.6431, -33.8171

# 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.



149.7640, 10.9623, -62.9370



170.4400, 9.6431, 33.8171



160.4290, -20.9175, -10.9002

# Square

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



170.4400, 9.6431, 33.8171



165.9340, -26.5895, 35.1379



155.6350, -6.7221, -37.3909



154.7150, 32.1855, -56.7551



# Rectangle

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



170.4400, 9.6431, 33.8171



168.1650, -13.3923, 48.9673



155.6350, -6.7221, -37.3909



147.5590, 21.9094, -74.1582

# Sweetspot

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



170.4400, 9.6431, 33.8171



240.7010, 3.5984, 12.5402



159.7490, 24.2807, 5.4821



118.6250, 2.1569, 8.2219



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



170.4400, 9.6431, 33.8171



197.8040, 14.3936, 50.1609



166.9060, -3.8977, 36.9164



98.0870, 1.4361, 6.0627



63.5700, 26.3410, 91.5851



15.4510, 6.1867, 22.4065



# Inverse Universe

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



170.4400, 9.6431, 33.8171



197.8040, 14.3936, 50.1609



189.0940, 3.8977, -36.9164



98.0870, 1.4361, 6.0627



63.5700, 26.3410, 91.5851

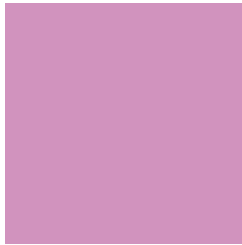


15.4510, 6.1867, 22.4065



# Previews

## White Background



This preview shows how the YUV color 170.4400, 9.6431, 33.8171 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

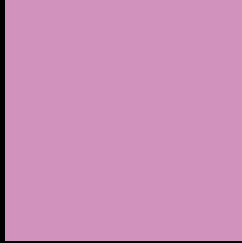
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 170.4400, 9.6431, 33.8171 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

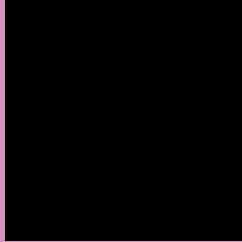
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 170.4400, 9.6431, 33.8171

## Background



This preview shows how black text looks on a background with the YUV color 170.4400, 9.6431, 33.8171.



This preview shows how white text looks on a background with the YUV color 170.4400, 9.6431,



# 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

170.4400, 9.6431, 33.8171

### Protanopia

167.1250, 17.1934, -8.0026

### Deuteranopia

168.1390, 9.2985, 4.2631



## Tritanopia

169.4000, -3.1552, 32.0982

# Trichromacy



## Original Color

170.4400, 9.6431, 33.8171



## Protanomaly

168.2410, 14.6712, 7.6816



## Deuteranomaly

169.2050, 9.2659, 14.7292



## Tritanomaly

169.6650, 1.6442, 32.7428

# Monochromacy



## Original Color

170.4400, 9.6431, 33.8171



## Achromatopsia

170.0000, 0.0000, 0.0000



## Achromatomaly

170.2880, 3.3090, 12.0254

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 170.4400, 9.6431, 33.8171 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(209, 147, 190)` looks like.

```
.text, #text, p{  
    color:rgb(209, 147, 190)  
}
```

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(209, 147, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 147, 190) }
```

## Border

The CSS property to change the border of an element to YUV 170.4400, 9.6431, 33.8171 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(209, 147, 190) }
```



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

```
.border{ border-color:rgb(209, 147, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 147, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 147, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 147, 190);  
box-shadow:4px 4px 4px 4px rgb(209, 147,  
190) }
```

# Background

The CSS property to change the background color of an element to YUV 170.4400, 9.6431, 33.8171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 147, 190) }
```

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

```
.background{ background-color: rgb(209,  
147, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor