

# Converting Colors

YUV(186.0770, 3.4130, 25.3655)

Have a look what the booklet for  
YUV(186.0770, 3.4130, 25.3655)  
contains.

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# Color

**YUV(186.0770, 3.4130,  
25.3655)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D7AAC1
RGB	215, 170, 193
RGB Percent	84%, 67%, 76%
CMY	0.1569, 0.3333, 0.2431
CMYK	0.00, 0.21, 0.10, 0.16
HSL	329°, 36%, 75%
HSV	329°, 21%, 84%
XYZ	52.0247, 47.0468, 56.7910
YIQ	186.0770, 19.4370, 16.6930

# Conversions

## Conversions Part 2

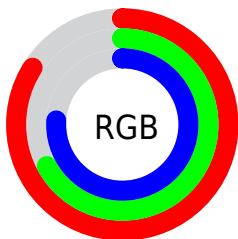
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	215, 170, 193
Decimal	14133953
CIE <sub>Lab</sub>	74.22, 20.13, -5.44
CIE <sub>LCh</sub>	74, 20.848, 344.873
Yxy	47.0468, 0.3338, 0.3018
Android (android.graphics.Color)	4292324033 (0xFFD7AAC1)
YUV	186.0770, 3.4130, 25.3655
Hunter-Lab	68.5907, 15.3552, -1.0769

# Details

The YUV color **186.0770, 3.4130, 25.3655** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **198.9230, -3.4130, -25.3655**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7060, 6.0609, 16.0438**, and **133.0660, 3.4185, 23.6211** is the 20% darker color. If you saturate the color by 10%, you get **172.4960, 4.6855, 37.2760**, and if you desaturate by 10%, it is **200.2450, 1.8512, 12.9401**.

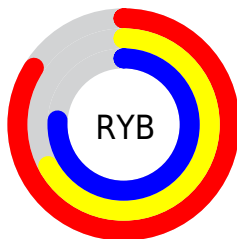
# Distribution



Red (84%)

Green (67%)

Blue (76%)



Red (84%)

Yellow (67%)

Blue (76%)

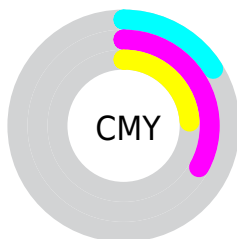


Cyan (0%)

Magenta (21%)

Yellow (10%)

Black (16%)



Cyan (16%)

Magenta (33%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 186.0770, 3.4130, 25.3655 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 186.0770, 3.4130, 25.3655 by changing the saturation by 10% instead.





 186.0770, 3.4130,  
25.3655

 186.0770, 3.4130,  
25.3655

255.0000, 0.0000,  
0.0000

 158.7780, 3.5604,  
24.7507

 236.7060, 6.0609,  
16.0438

 133.0660, 3.4185,  
23.6211

254.4130, 0.2894,  
0.5148

 107.3540, 3.2765,  
22.4915

 83.0550, 3.4239,  
21.8768

 59.3430, 3.2819,  
20.7472

 36.7450, 3.5767,  
19.5176

 13.7990, 5.0291,

20.3473

0.0000, 0.0000,  
0.0000

186.0770, 3.4130,  
25.3655

186.0770, 3.4130,  
25.3655

172.4960, 4.6855,  
37.2760

200.2450, 1.8512,  
12.9401

158.4420, 6.6841,  
49.6014

213.7120, 0.1420,  
1.1296

144.8610, 7.9565,  
61.5119

227.8800, -1.4198,  
-11.2958

130.8070, 9.9551,  
73.8373

240.7600, -2.8397,  
-22.5915

116.6390, 11.5170,  
86.2626

242.0140, 1.9651,  
-23.6913

■ 103.1720, 13.2262,  
98.0732

■ 243.0400, 5.8963,  
-24.5911

■ 89.5910, 14.4986,  
109.9837

■ 76.8250, 16.3553,  
121.1795

# Harmonies

## Analogous

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



185.5680, 12.0450, 10.0259



186.0770, 3.4130, 25.3655



185.3030, -6.0654, 32.1833

# Triad

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



186.0770, 3.4130, 25.3655



180.4510, -17.4773, 5.7435



175.9980, 16.2700, -38.5862

# Complementary

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



186.0770, 3.4130, 25.3655



198.9230, -3.4130, -25.3655

# 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.



175.2340, 8.2656, -37.9162



186.0770, 3.4130, 25.3655



178.5350, -11.6028, -11.8702

# Square

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



186.0770, 3.4130, 25.3655



182.7240, -18.1049, 20.4131



176.2540, -2.0972, -27.4098



178.9870, 19.7264, -27.1756



# Rectangle

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



186.0770, 3.4130, 25.3655



184.8100, -11.7383, 31.7386



176.2540, -2.0972, -27.4098



175.4170, 14.0914, -39.8307

# Sweetspot

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



186.0770, 3.4130, 25.3655



245.3970, 1.2833, 8.4218



181.7080, 16.4130, 9.0261



122.1470, 0.4205, 5.1331



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.



186.0770, 3.4130, 25.3655



213.8980, 4.9803, 36.0465



183.5690, -6.1965, 27.5650



99.9730, 0.9993, 6.1627



61.0470, 12.7948, 96.4288



15.3650, 3.2711, 24.2359



# Inverse Universe

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



186.0770, 3.4130, 25.3655



213.8980, 4.9803, 36.0465



201.4310, 6.1965, -27.5650



99.9730, 0.9993, 6.1627



61.0470, 12.7948, 96.4288



15.3650, 3.2711, 24.2359



# Previews

## White Background



This preview shows how the YUV color 186.0770, 3.4130, 25.3655 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

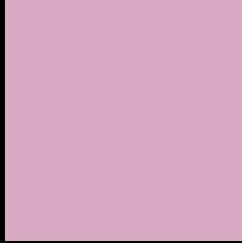
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 186.0770, 3.4130, 25.3655 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

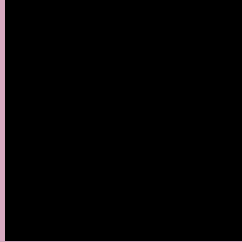
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 186.0770, 3.4130, 25.3655

## Background



This preview shows how black text looks on a background with the YUV color 186.0770, 3.4130, 25.3655.



This preview shows how white text looks on a background with the YUV color 186.0770, 3.4130,

25.3655.

# 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

186.0770, 3.4130, 25.3655

### Protanopia

183.7530, 8.0098, -2.4144

### Deuteranopia

184.3910, 3.7512, 10.1811



## Tritanopia

185.4530, -0.2233, 25.0357

# Trichromacy



## Original Color

186.0770, 3.4130, 25.3655

## Protanomaly

184.6510, 6.0881, 7.3221

## Deuteranomaly

184.7230, 3.5876, 16.0289

## Tritanomaly

185.7950, 1.0871, 24.7358

# Monochromacy



## Original Color

186.0770, 3.4130, 25.3655

## Achromatopsia

186.0000, 0.0000, 0.0000

## Achromatomaly

186.1090, 1.4253, 9.5514

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 186.0770, 3.4130, 25.3655 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(215, 170, 193)` looks like.

```
.text, #text, p{  
    color:rgb(215, 170, 193)  
}
```

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(215, 170, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 170, 193) }
```

## Border

The CSS property to change the border of an element to YUV 186.0770, 3.4130, 25.3655 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(215, 170, 193) }
```



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

```
.border{ border-color:rgb(215, 170, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 170, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 170, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 170, 193);  
box-shadow:4px 4px 4px 4px rgb(215, 170,  
193) }
```

# Background

The CSS property to change the background color of an element to YUV 186.0770, 3.4130, 25.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 170, 193) }
```

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

```
.background{ background-color: rgb(215,  
170, 193) }
```

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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