

# Converting Colors

YUV(189.0110, 3.4456, 14.8994)

Have a look what the booklet for  
YUV(189.0110, 3.4456, 14.8994)  
contains.

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# Color

**YUV(189.0110, 3.4456,  
14.8994)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CEB3C4
RGB	206, 179, 196
RGB Percent	81%, 70%, 77%
CMY	0.1922, 0.2980, 0.2314
CMYK	0.00, 0.13, 0.05, 0.19
HSL	322°, 22%, 75%
HSV	322°, 13%, 81%
XYZ	51.5375, 49.3475, 59.0333
YIQ	189.0110, 10.6350, 11.0110

# Conversions

## Conversions Part 2

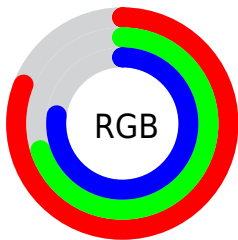
Format	Color
R <sub>YB</sub>	206, 179, 196
Decimal	13546436
CIE Lab	75.67, 12.61, -5.04
CIE LCh	76, 13.575, 338.222
Yxy	49.3475, 0.3223, 0.3086
Android (android.graphics.Color)	4291736516 (0xFFCEB3C4)
YUV	189.0110, 3.4456, 14.8994
Hunter-Lab	70.2478, 8.0234, -0.6513

# Details

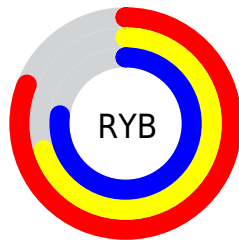
The YUV color **189.0110, 3.4456, 14.8994** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **195.9890, -3.4456, -14.8994**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.0320, 4.9142, 10.4959**, and **135.5980, 3.1562, 14.3846** is the 20% darker color. If you saturate the color by 10%, you get **175.7720, 6.0284, 26.5100**, and if you desaturate by 10%, it is **202.2500, 0.8628, 3.2888**.

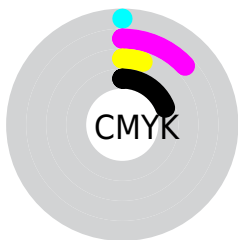
# Distribution



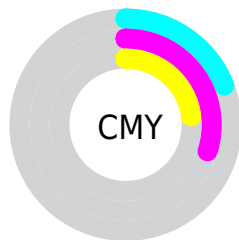
- Red (81%)
- Green (70%)
- Blue (77%)



- Red (81%)
- Yellow (70%)
- Blue (77%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (19%)




- Cyan (19%)
- Magenta (30%)
- Yellow (23%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 189.0110, 3.4456, 14.8994 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 189.0110, 3.4456, 14.8994 by changing the saturation by 10% instead.




 189.0110, 3.4456,  
14.8994


 189.0110, 3.4456,  
14.8994


255.0000, 0.0000,  
0.0000


 161.7120, 3.5930,  
14.2846

 243.0320, 4.9142,  
10.4959

 135.5980, 3.1562,  
14.3846

 110.2990, 3.3036,  
13.7698

 85.5870, 3.1616,  
12.6402

 62.2880, 3.3090,  
12.0254

 40.4620, 2.7302,  
10.9958

 18.9890, 3.4564,

11.4106

■ 0.0000, 0.0000,  
0.0000

■ 189.0110, 3.4456,  
14.8994

■ 189.0110, 3.4456,  
14.8994

■ 175.7720, 6.0284,  
26.5100

■ 202.2500, 0.8628,  
3.2888

■ 163.2340, 8.7586,  
37.5058

■ 214.7880, -1.8675,  
-7.7071

■ 149.9950, 11.3415,  
49.1164

■ 228.0270, -4.4503,  
-19.3177

■ 137.3430, 13.6349,  
60.2122

■ 237.1570, -5.0074,  
-27.3247

■ 124.2180, 16.6545,  
71.7228

■ 237.9550, -1.9498,  
-28.0245

■ 110.9790, 19.2374,  
83.3334

■ 238.8670, 1.5446,  
-28.8244

■ 98.4410, 21.9676,  
94.3292

■ 239.6650, 4.6022,  
-29.5242

■ 85.2020, 24.5504,  
105.9398

■ 240.3490, 7.2229,  
-30.1241

■ 76.4140, 26.4179,  
113.6469

# Harmonies

## Analogous

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



188.0250, 8.8617, 4.3631



189.0110, 3.4456, 14.8994



189.0350, -2.9753, 21.0173

# Triad

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



189.0110, 3.4456, 14.8994



185.9440, -11.8044, 6.1881



182.5500, 9.0958, -24.1614

# Complementary

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



189.0110, 3.4456, 14.8994



195.9890, -3.4456, -14.8994

# 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.



182.1820, 3.8543, -22.9616



189.0110, 3.4456, 14.8994



184.0890, -8.4249, -4.4631

# Square

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



189.0110, 3.4456, 14.8994



187.4120, -11.5421, 15.4247



182.8040, -2.8614, -15.6141



184.0930, 12.2792, -18.4986



# Rectangle

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



189.0110, 3.4456, 14.8994



188.7100, -6.7590, 21.3023



182.8040, -2.8614, -15.6141



182.7950, 7.4961, -24.3762

# Sweetspot

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



189.0110, 3.4456, 14.8994



248.6740, 1.1467, 5.5479



185.0680, 10.3195, 3.4484



123.5490, 0.7153, 3.9035



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.



189.0110, 3.4456, 14.8994



229.2230, 5.3131, 22.6064



187.5290, -2.2328, 16.1991



95.6740, 1.1467, 5.5479



61.4900, 20.9574, 91.6553



14.0980, 4.8817, 20.9621



# Inverse Universe

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



189.0110, 3.4456, 14.8994



229.2230, 5.3131, 22.6064



197.4710, 2.2328, -16.1991



95.6740, 1.1467, 5.5479



61.4900, 20.9574, 91.6553

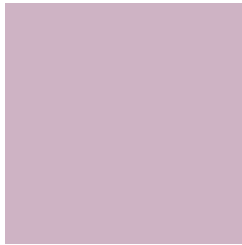


14.0980, 4.8817, 20.9621



# Previews

## White Background



This preview shows how the YUV color 189.0110, 3.4456, 14.8994 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

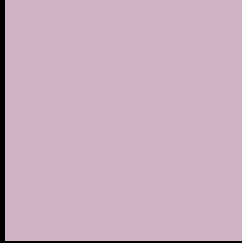
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 189.0110, 3.4456, 14.8994 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

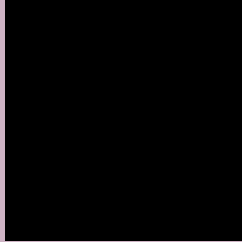
Any Text WCAG AA ✓ Pass

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 189.0110, 3.4456, 14.8994 Background



This preview shows how black text looks on a background with the YUV color 189.0110, 3.4456, 14.8994.



This preview shows how white text looks on a background with the YUV color 189.0110, 3.4456,



# 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

189.0110, 3.4456, 14.8994

### Protanopia

187.0090, 6.4046, -0.8849

### Deuteranopia

188.6900, 3.6038, 10.7959



## Tritanopia

188.6690, 2.1352, 15.1993

# Trichromacy



## Original Color

189.0110, 3.4456, 14.8994

## Protanomaly

187.8140, 5.5147, 4.5481

## Deuteranomaly

188.7010, 3.5984, 12.5402

## Tritanomaly

188.7830, 2.5720, 15.0993

# Monochromacy



## Original Color

189.0110, 3.4456, 14.8994

## Achromatopsia

189.0000, 0.0000, 0.0000

## Achromatomaly

188.7880, 1.5835, 5.4479

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 189.0110, 3.4456, 14.8994 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(206, 179, 196)` looks like.

```
.text, #text, p{  
    color:rgb(206, 179, 196)  
}
```

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(206, 179, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 179, 196) }
```

## Border

The CSS property to change the border of an element to YUV 189.0110, 3.4456, 14.8994 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(206, 179, 196) }
```



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

```
.border{ border-color:rgb(206, 179, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 179, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 179, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 179, 196);  
box-shadow:4px 4px 4px 4px rgb(206, 179,  
196) }
```

# Background

The CSS property to change the background color of an element to YUV 189.0110, 3.4456, 14.8994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 179, 196) }
```

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

```
.background{ background-color: rgb(206,  
179, 196) }
```

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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