

# Converting Colors

YUV(211.0000, -3.4510,  
-13.1550)

Have a look what the booklet for  
YUV(211.0000, -3.4510, -13.1550)  
contains.

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# Color

**YUV(211.0000, -3.4510,  
-13.1550)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4DCCC
RGB	196, 220, 204
RGB Percent	77%, 86%, 80%
CMY	0.2314, 0.1373, 0.2000
CMYK	0.11, 0.00, 0.07, 0.14
HSL	140°, 26%, 82%
HSV	140°, 11%, 86%
XYZ	59.2572, 67.2818, 66.9902
YIQ	211.0000, -9.1680, -10.0640

# Conversions

## Conversions Part 2

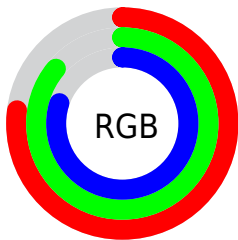
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 214, 220
Decimal	12901580
CIELab	85.65, -10.99, 5.15
CIELCh	86, 12.135, 154.898
Yxy	67.2818, 0.3062, 0.3477
Android (android.graphics.Color)	4291091660 (0xFFC4DCCC)
YUV	211.0000, -3.4510, -13.1550
Hunter-Lab	82.0255, -14.5918, 8.9957

# Details

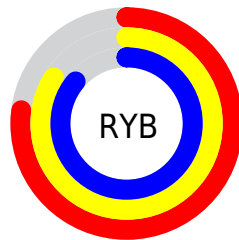
The YUV color  $211.0000, -3.4510, -13.1550$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $205.0000, 3.4510, 13.1550$ , and the grayscale version is  $211.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $254.4020, 0.2948, -1.2296$ , and  $156.4130, -3.1616, -12.6402$  is the 20% darker color. If you saturate the color by 10%, you get  $202.7120, -6.7600, -25.1804$ , and if you desaturate by 10%, it is  $219.2880, -0.1420, -1.1296$ .

# Distribution



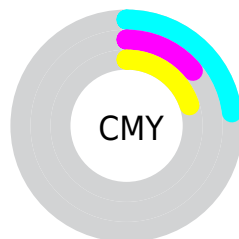
- Red (77%)
- Green (86%)
- Blue (80%)



- Red (77%)
- Yellow (84%)
- Blue (86%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)



- Cyan (23%)
- Magenta (14%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 211.0000, -3.4510, -13.1550 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 211.0000, -3.4510, -13.1550 by changing the saturation by 10% instead.



■ 211.0000, -3.4510,  
-13.1550

■ 211.0000, -3.4510,  
-13.1550

255.0000, 0.0000,  
0.0000

■ 183.4130, -3.1616,  
-12.6402

254.4020, 0.2948,  
-1.2296

■ 156.4130, -3.1616,  
-12.6402

■ 130.4130, -3.1616,  
-12.6402

■ 105.1250, -3.0196,  
-11.5106

■ 81.1250, -3.0196,  
-11.5106

■ 57.6520, -2.2934,  
-11.0958

■ 35.9510, -2.4408,

-10.4810

■ 14.4130, -3.1616,  
-12.6402

■ 0.0000, 0.0000,  
0.0000

■ 211.0000, -3.4510,  
-13.1550

■ 211.0000, -3.4510,  
-13.1550

■ 202.7120, -6.7600,  
-25.1804

■ 219.2880, -0.1420,  
-1.1296

■ 194.5380, -9.6322,  
-37.3058

■ 227.4620, 2.7302,  
10.9958

■ 186.2500,  
-12.9413, -49.3312

■ 233.6570, 7.0711,  
18.7178

■ 177.9620,  
-16.2503, -61.3567

■ 234.4550, 10.1287,  
18.0180

■ 169.7880,  
-19.1225, -73.4821

■ 161.5000,  
-22.4315, -85.5075

■ 153.2120,  
-25.7405, -97.5329

■ 145.0380,  
-28.6127, -109.6583

■ 137.4620,  
-31.7798, -120.5542

# Harmonies

## Analogous

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



212.1000, -8.4303, -2.7187



211.0000, -3.4510, -13.1550



210.2640, 2.8278, -20.4025

# Triad

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



211.0000, -3.4510, -13.1550



213.6320, 11.5204, -8.4473



215.5850, -7.1904, 19.6580

# Complementary

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



211.0000, -3.4510, -13.1550



205.0000, 3.4510, 13.1550

# 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.



216.3660, -1.6594, 18.9730



211.0000, -3.4510, -13.1550



215.9000, 8.4303, 2.7187

# Square

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



211.0000, -3.4510, -13.1550



212.0500, 10.8213, -17.5839



216.7010, 3.5984, 12.5402



215.0530, -10.3791, 15.7395



# Rectangle

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



211.0000, -3.4510, -13.1550



210.4640, 6.1802, -22.3319



216.7010, 3.5984, 12.5402



216.3400, -5.5906, 19.8728

# Sweetspot

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



211.0000, -3.4510, -13.1550



252.0380, -1.0047, -4.4183



214.8720, -9.3039, -2.5187



125.7500, -0.8628, -3.2887



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

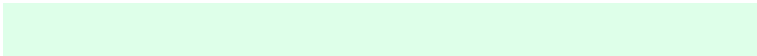


# Same Dimension

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



211.0000, -3.4510, -13.1550



242.6250, -4.7451, -18.0881



212.3680, 1.7906, -14.3547



105.7990, -1.8729, -5.9627



108.1630, -24.7304, -94.8590



28.7120, -6.7600, -25.1804



# Inverse Universe

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



205.0000, 3.4510, 13.1550



234.3750, 4.7451, 18.0881



203.6320, -1.7906, 14.3547



103.0870, 1.4361, 6.0627



64.9510, 25.1672, 94.7590

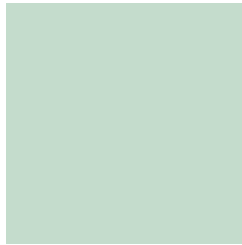


17.2880, 6.7600, 25.1804



# Previews

## White Background



This preview shows how the YUV color 211.0000, -3.4510, -13.1550 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

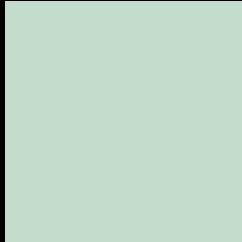
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 211.0000, -3.4510, -13.1550 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

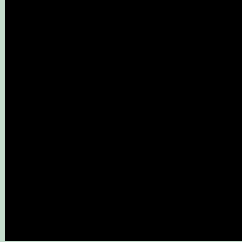
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

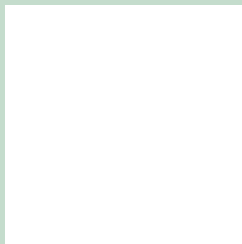
Any Text WCAG AAA ✓ Pass

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

# YUV 211.0000, -3.4510, -13.1550 Background



This preview shows how black text looks on a background with the YUV color 211.0000, -3.4510, -13.1550.



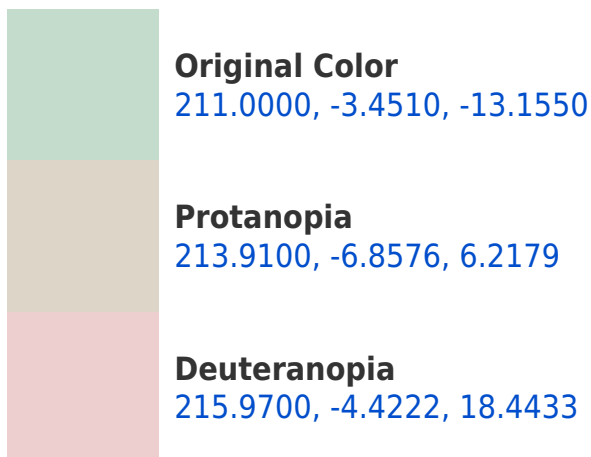
This preview shows how white text looks on a background with the YUV color 211.0000, -3.4510,

-13.1550.

# 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





## Tritanopia

213.4530, 9.6367, -10.9213

# Trichromacy



## Original Color

211.0000, -3.4510, -13.1550

## Protanomaly

213.0940, -5.9623, -0.9594

## Deuteranomaly

214.3060, -4.0949, 6.7476

## Tritanomaly

212.1880, 4.8373, -11.5659

# Monochromacy



## Original Color

211.0000, -3.4510, -13.1550

## Achromatopsia

211.0000, 0.0000, 0.0000

## Achromatomaly

210.9240, -1.4415, -4.3183

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 211.0000, -3.4510, -13.1550 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(196, 220, 204)` looks like.

```
.text, #text, p{  
    color:rgb(196, 220, 204)  
}
```

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(196, 220, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 220, 204) }
```

## Border

The CSS property to change the border of an element to YUV 211.0000, -3.4510, -13.1550 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(196, 220, 204) }
```



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

```
.border{ border-color:rgb(196, 220, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 220, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 220, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 220, 204);  
box-shadow:4px 4px 4px 4px rgb(196, 220,  
204) }
```

# Background

The CSS property to change the background color of an element to YUV 211.0000, -3.4510, -13.1550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 220, 204) }
```

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

```
.background{ background-color: rgb(196,  
220, 204) }
```

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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