

# Converting Colors

YUV(211.3200, -5.5808,  
-30.0986)

Have a look what the booklet for  
YUV(211.3200, -5.5808, -30.0986)  
contains.

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# Color

**YUV(211.3200, -5.5808,  
-30.0986)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1E7C8
RGB	177, 231, 200
RGB Percent	69%, 91%, 78%
CMY	0.3059, 0.0941, 0.2157
CMYK	0.23, 0.00, 0.13, 0.09
HSL	146°, 53%, 80%
HSV	146°, 23%, 91%
XYZ	57.1327, 70.6691, 65.2729
YIQ	211.3200, -22.2330, -21.0890

# Conversions

## Conversions Part 2

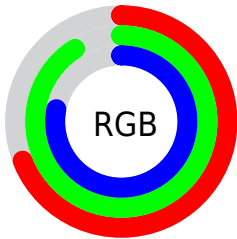
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 215, 231
Decimal	11659208
CIELab	87.32, -23.39, 9.51
CIELCh	87, 25.247, 157.878
Yxy	70.6691, 0.2959, 0.3660
Android (android.graphics.Color)	4289849288 (0xFFB1E7C8)
YUV	211.3200, -5.5808, -30.0986
Hunter-Lab	84.0649, -25.8003, 12.8092

# Details

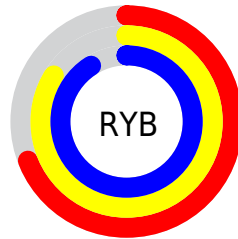
The YUV color  $211.3200, -5.5808, -30.0986$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $196.6800, 5.5808, 30.0986$ , and the grayscale version is  $211.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $248.4220, 3.2430, -13.5251$ , and  $156.1460, -5.0020, -29.0690$  is the 20% darker color. If you saturate the color by 10%, you get  $202.9610, -7.8688, -42.9388$ , and if you desaturate by 10%, it is  $219.6790, -3.2927, -17.2585$ .

# Distribution



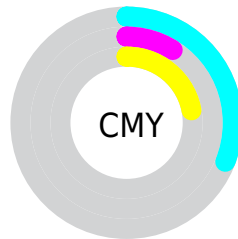
- Red (69%)
- Green (91%)
- Blue (78%)



- Red (69%)
- Yellow (84%)
- Blue (91%)



- Cyan (23%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 211.3200, -5.5808, -30.0986 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 211.3200, -5.5808, -30.0986 by changing the saturation by 10% instead.





 211.3200, -5.5808,  
-30.0986

 211.3200, -5.5808,  
-30.0986

255.0000, 0.0000,  
0.0000

 183.7330, -5.2914,  
-29.5838


 248.4220, 3.2430,  
-13.5251

 156.1460, -5.0020,  
-29.0690

 129.8580, -4.8600,  
-27.9395

 104.3850, -4.1338,  
-27.5246

 79.4990, -3.6970,  
-27.6246

 55.3140, -3.1128,  
-28.3394

 32.5420, -2.2392,

-28.5393

■ 18.5390, -7.6607,  
-16.2587

■ 0.0000, 0.0000,  
0.0000

■ 211.3200, -5.5808,  
-30.0986

■ 211.3200, -5.5808,  
-30.0986

■ 202.9610, -7.8688,  
-42.9388

■ 219.6790, -3.2927,  
-17.2585

■ 194.4880,  
-10.5936, -55.6790

■ 228.1520, -0.5679,  
-4.5183

■ 186.1290,  
-12.8816, -68.5191

■ 236.5110, 1.7201,  
8.3219

■ 177.7700,  
-15.1696, -81.3593

■ 240.6840, 6.0718,  
12.5551

■ 169.4110,  
-17.4576, -94.1994

■ 240.9120, 6.9454,  
12.3552

■ 160.6390,  
-20.0350, -107.5544

■ 152.2800,  
-22.3230, -120.3946

■ 146.7690,  
-24.0431, -128.7164

# Harmonies

## Analogous

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



214.2920, -16.4130, -9.0261



211.3200, -5.5808, -30.0986



209.2500, 7.2717, -45.8233

# Triad

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



211.3200, -5.5808, -30.0986



217.1240, 18.6729, -15.8947



218.2400, -13.9223, 32.2385

# Complementary

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



211.3200, -5.5808, -30.0986



196.6800, 5.5808, 30.0986

# 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.



219.1010, -3.0078, 31.4834



211.3200, -5.5808, -30.0986



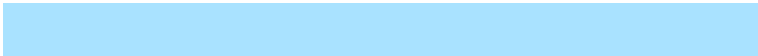
221.9960, 16.2710, 7.8965

# Square

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



211.3200, -5.5808, -30.0986



212.2630, 21.0693, -37.9417



223.0110, 6.8966, 28.0544



219.4540, -21.9158, 29.4198



# Rectangle

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



211.3200, -5.5808, -30.0986



208.9920, 15.2869, -49.9820



223.0110, 6.8966, 28.0544



217.8640, -10.2860, 32.5683

# Sweetspot

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



211.3200, -5.5808, -30.0986



248.4780, -1.7147, -10.0662



218.2660, -20.3441, -8.1263



124.0270, -0.9993, -6.1627



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

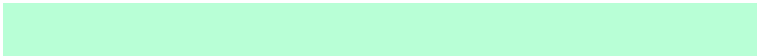


# Same Dimension

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



211.3200, -5.5808, -30.0986



229.0970, -7.4428, -39.5501



214.3980, 6.2128, -32.7980



110.6140, -1.2887, -6.6775



113.7370, -18.6043, -99.7473



32.4450, -5.1494, -28.4543



# Inverse Universe

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



196.6800, 5.5808, 30.0986



209.9030, 7.4428, 39.5501



193.6020, -6.2128, 32.7980



107.3860, 1.2887, 6.6775



65.1490, 18.1675, 99.8473

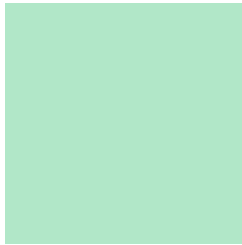


18.5550, 5.1494, 28.4543



# Previews

## White Background



This preview shows how the YUV color 211.3200, -5.5808, -30.0986 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

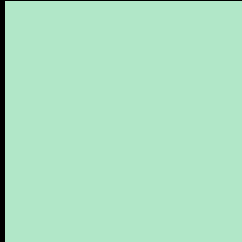
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 211.3200, -5.5808, -30.0986 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

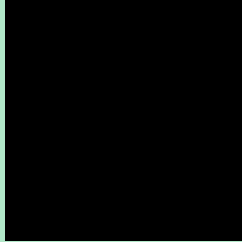
Any Text WCAG AA ✓ Pass

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 211.3200, -5.5808, -30.0986 Background



This preview shows how black text looks on a background with the YUV color 211.3200, -5.5808, -30.0986.



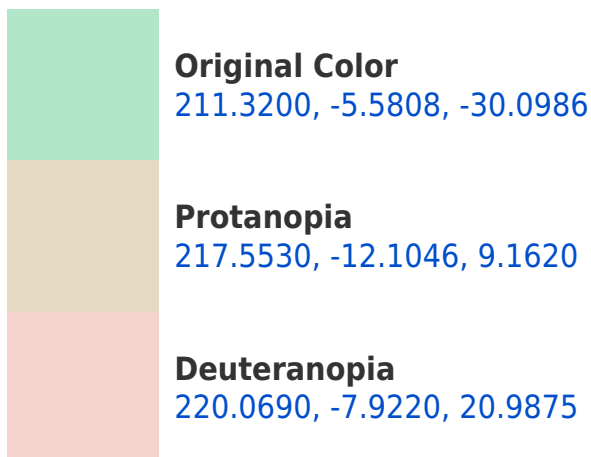
This preview shows how white text looks on a background with the YUV color 211.3200, -5.5808,

-30.0986.

# 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

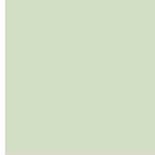
215.0920, 13.7586, -26.3907

# Trichromacy



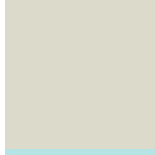
## Original Color

211.3200, -5.5808, -30.0986



## Protanomaly

215.1490, -9.4405, -5.3927



## Deuteranomaly

216.8880, -6.8468, 2.7292



## Tritanomaly

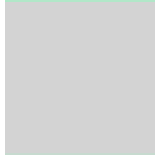
213.5450, 6.6333, -27.6650

# Monochromacy



## Original Color

211.3200, -5.5808, -30.0986



## Achromatopsia

211.0000, 0.0000, 0.0000



## Achromatomaly

211.0650, -2.0040, -10.5810

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 211.3200, -5.5808, -30.0986 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(177, 231, 200)` looks like.

```
.text, #text, p{  
    color:rgb(177, 231, 200)  
}
```

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(177, 231, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 231, 200) }
```

## Border

The CSS property to change the border of an element to YUV 211.3200, -5.5808, -30.0986 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(177, 231, 200) }
```



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

```
.border{ border-color:rgb(177, 231, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 231, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 231, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 231, 200);  
box-shadow:4px 4px 4px 4px rgb(177, 231,  
200) }
```

# Background

The CSS property to change the background color of an element to YUV 211.3200, -5.5808, -30.0986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 231, 200) }
```

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

```
.background{ background-color: rgb(177,  
231, 200) }
```

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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