

# Converting Colors

YUV(212.5870, -7.1914,  
-26.8248)

Have a look what the booklet for  
YUV(212.5870, -7.1914, -26.8248)  
contains.

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# Color

**YUV(212.5870, -7.1914,  
-26.8248)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6E7C6
RGB	182, 231, 198
RGB Percent	71%, 91%, 78%
CMY	0.2863, 0.0941, 0.2235
CMYK	0.21, 0.00, 0.14, 0.09
HSL	140°, 51%, 81%
HSV	140°, 21%, 91%
XYZ	58.0604, 71.1741, 64.1040
YIQ	212.5870, -18.6110, -20.6510

# Conversions

## Conversions Part 2

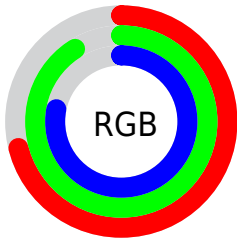
<b>Format</b>	<b>Color</b>
<b>RYB</b>	182, 219, 231
Decimal	11986886
CIELab	87.57, -22.18, 10.94
CIELCh	88, 24.728, 153.734
Yxy	71.1741, 0.3003, 0.3681
Android (android.graphics.Color)	4290176966 (0xFFB6E7C6)
YUV	212.5870, -7.1914, -26.8248
Hunter-Lab	84.3648, -24.7935, 14.0043

# Details

The YUV color  $212.5870, -7.1914, -26.8248$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $200.4130, 7.1914, 26.8248$ , and the grayscale version is  $213.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $249.9170, 2.5059, -10.4512$ , and  $157.4130, -6.6126, -25.7952$  is the 20% darker color. If you saturate the color by 10%, you get  $203.8860, -10.7898, -39.3650$ , and if you desaturate by 10%, it is  $221.2880, -3.5930, -14.2846$ .

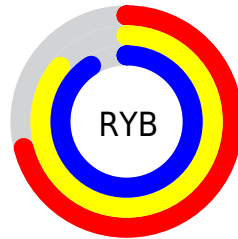
# Distribution



Red (71%)

Green (91%)

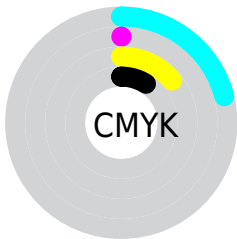
Blue (78%)



Red (71%)

Yellow (86%)

Blue (91%)

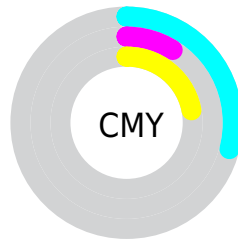


Cyan (21%)

Magenta (0%)

Yellow (14%)

Black (9%)



Cyan (29%)

Magenta (9%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 212.5870, -7.1914, -26.8248 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 212.5870, -7.1914, -26.8248 by changing the saturation by 10% instead.




 212.5870, -7.1914,  
-26.8248

 212.5870, -7.1914,  
-26.8248

255.0000, 0.0000,  
0.0000


 185.0000, -6.9020,  
-26.3100


 249.9170, 2.5059,  
-10.4512

 157.4130, -6.6126,  
-25.7952

 131.1250, -6.4706,  
-24.6656

 106.2390, -6.0338,  
-24.7656

 80.7660, -5.3076,  
-24.3508

 56.9940, -4.4340,  
-24.5507

 33.3250, -3.1182,

-26.5950

■ 17.6100, -8.6817,  
-15.4440

■ 0.0000, 0.0000,  
0.0000

■ 212.5870, -7.1914,  
-26.8248

■ 212.5870, -7.1914,  
-26.8248

■ 203.8860,  
-10.7898, -39.3650

■ 221.2880, -3.5930,  
-14.2846

■ 195.2990,  
-13.9514, -52.0052

■ 229.8750, -0.4314,  
-1.6444

■ 186.5980,  
-17.5498, -64.5454

■ 238.5760, 3.1670,  
10.8958

■ 178.0110,  
-20.7114, -77.1856

■ 240.9120, 6.9454,  
12.3552

■ 169.0110,  
-24.1624, -90.3406

■ 160.4240,  
-27.3240, -102.9808

■ 151.7230,  
-30.9224, -115.5211

■ 144.1470,  
-34.0895, -126.4169

# Harmonies

## Analogous

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



215.6730, -17.5868, -5.8522



212.5870, -7.1914, -26.8248



210.2180, 5.8085, -43.1642

# Triad

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



212.5870, -7.1914, -26.8248



217.4010, 18.5363, -18.7687



218.6960, -12.1751, 31.8386

# Complementary

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



212.5870, -7.1914, -26.8248



200.4130, 7.1914, 26.8248

# 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.



220.1440, -1.5500, 30.5687



212.5870, -7.1914, -26.8248



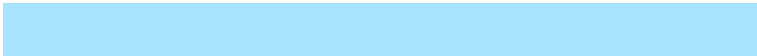
221.3870, 16.5712, 4.9226

# Square

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



212.5870, -7.1914, -26.8248



213.1380, 20.6380, -39.5860



224.0430, 8.3598, 25.3953



220.3940, -20.9002, 30.3495



# Rectangle

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



212.5870, -7.1914, -26.8248



210.1340, 13.2449, -48.3525



224.0430, 8.3598, 25.3953



219.0210, -8.3914, 31.5536

# Sweetspot

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



212.5870, -7.1914, -26.8248



249.3750, -2.1569, -8.2219



220.6300, -19.0446, -4.9375



124.5110, -1.7309, -4.8331



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

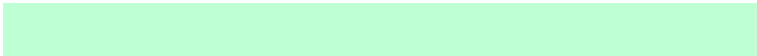


# Same Dimension

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



212.5870, -7.1914, -26.8248



230.9620, -9.3483, -35.0467



215.3230, 3.2918, -29.2243



110.5000, -1.7255, -6.5775



111.6850, -26.4667, -97.9477



31.8750, -7.3334, -27.9544



# Inverse Universe

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



200.4130, 7.1914, 26.8248



215.0380, 9.3483, 35.0467



197.6770, -3.2918, 29.2243



107.5000, 1.7255, 6.5775



67.2010, 26.0299, 98.0477

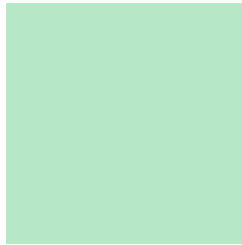


19.1250, 7.3334, 27.9544



# Previews

## White Background



This preview shows how the YUV color 212.5870, -7.1914, -26.8248 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

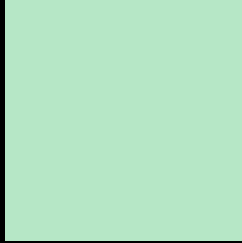
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 212.5870, -7.1914, -26.8248 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

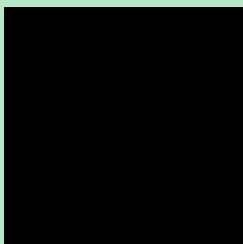
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

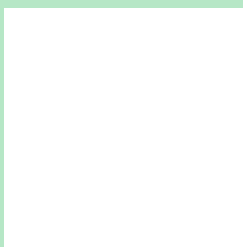
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 212.5870, -7.1914, -26.8248

## Background



This preview shows how black text looks on a background with the YUV color 212.5870, -7.1914, -26.8248.



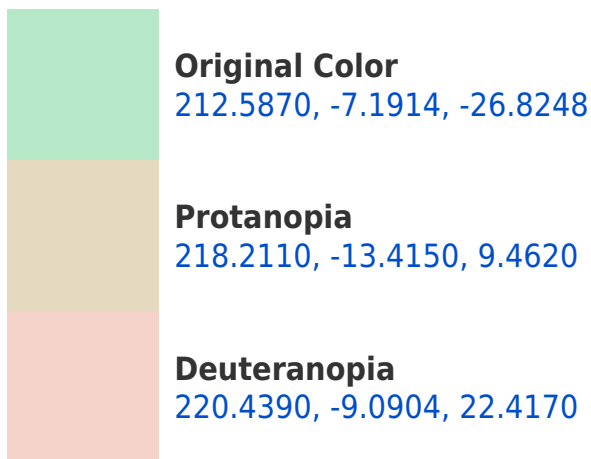
This preview shows how white text looks on a background with the YUV color 212.5870, -7.1914,

-26.8248.

# 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

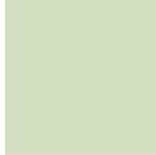
216.5870, 13.0216, -23.3168

# Trichromacy



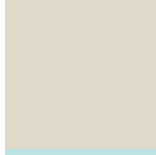
## Original Color

212.5870, -7.1914, -26.8248



## Protanomaly

216.4050, -11.0457, -3.8632



## Deuteranomaly

217.5570, -8.1626, 4.7735



## Tritanomaly

215.0400, 5.8963, -24.5911

# Monochromacy



## Original Color

212.5870, -7.1914, -26.8248



## Achromatopsia

213.0000, 0.0000, 0.0000



## Achromatomaly

213.2500, -2.5882, -9.8662

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 212.5870, -7.1914, -26.8248 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(182, 231, 198)` looks like.

```
.text, #text, p{  
    color:rgb(182, 231, 198)  
}
```

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(182, 231, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 231, 198) }
```

## Border

The CSS property to change the border of an element to YUV 212.5870, -7.1914, -26.8248 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(182, 231, 198) }
```



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

```
.border{ border-color:rgb(182, 231, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 231, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 231, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 231, 198);  
box-shadow:4px 4px 4px 4px rgb(182, 231,  
198) }
```

# Background

The CSS property to change the background color of an element to YUV 212.5870, -7.1914, -26.8248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 231, 198) }
```

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

```
.background{ background-color: rgb(182,  
231, 198) }
```

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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