

# Converting Colors

YUV(221.1160, -26.1862,  
-0.9787)

Have a look what the booklet for  
YUV(221.1160, -26.1862, -0.9787)  
contains.

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# Color

**YUV(221.1160, -26.1862,  
-0.9787)**

# Conversions

Conversions Part 1	
Format	Color
Hex	DCE8A8
RGB	220, 232, 168
RGB Percent	86%, 91%, 66%
CMY	0.1373, 0.0902, 0.3412
CMYK	0.05, 0.00, 0.28, 0.09
HSL	71°, 58%, 78%
HSV	71°, 28%, 91%
XYZ	65.4397, 75.7560, 48.2191
YIQ	221.1160, 13.3920, -22.4480

# Conversions

## Conversions Part 2

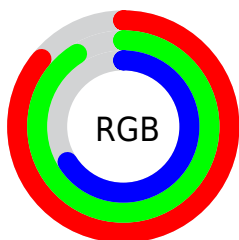
Format	Color
<a href="#">RYB</a>	<a href="#">168, 232, 180</a>
Decimal	<a href="#">14477480</a>
CIELab	<a href="#">89.75, -14.29, 29.87</a>
CIELCh	<a href="#">90, 33.118, 115.570</a>
Yxy	<a href="#">75.7560, 0.3455, 0.3999</a>
Android (android.graphics.Color)	<a href="#">4292667560</a> (0xFFDCE8A8)
YUV	<a href="#">221.1160, -26.1862, -0.9787</a>
Hunter-Lab	<a href="#">87.0379, -18.1107, 28.0798</a>

# Details

The YUV color **221.1160, -26.1862, -0.9787** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **178.8840, 26.1862, 0.9787**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.4660, -13.5407, 3.0993**, and **165.4580, -24.8758, -1.2787** is the 20% darker color. If you saturate the color by 10%, you get **217.2980, -35.6429, -1.1383**, and if you desaturate by 10%, it is **224.9340, -16.7295, -0.8191**.

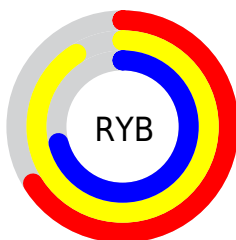
# Distribution



Red (86%)

Green (91%)

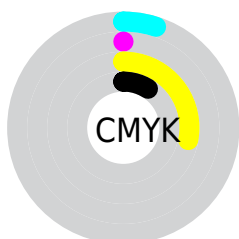
Blue (66%)



Red (66%)

Yellow (91%)

Blue (71%)

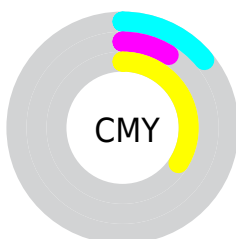


Cyan (5%)

Magenta (0%)

Yellow (28%)

Black (9%)



Cyan (14%)

Magenta (9%)


Yellow (34%)


# Brightness & Saturation

## Gradients

These gradients show how the YUV color 221.1160, -26.1862, -0.9787 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 221.1160, -26.1862, -0.9787 by changing the saturation by 10% instead.


 221.1160,  
-26.1862, -0.9787


 221.1160,  
-26.1862, -0.9787


255.0000, 0.0000,  
0.0000


 193.2300,  
-25.7494, -1.0787


 251.4660,  
-13.5407, 3.0993


 165.4580,  
-24.8758, -1.2787

 254.6580, -1.3104,  
0.2999

 139.5720,  
-24.4390, -1.3786


 113.8000,  
-23.5654, -1.5786


 88.7290, -22.5444,  
-2.3933


 64.8430, -22.1076,  
-2.4933


 42.4840, -20.9446,


-2.1785

 22.9810, -11.3296,  
-6.1223


 0.0000, 0.0000,  
0.0000


 221.1160,  
-26.1862, -0.9787

 221.1160,  
-26.1862, -0.9787


 217.2980,  
-35.6429, -1.1383


 224.9340,  
-16.7295, -0.8191


 213.1810,  
-44.9522, -1.9127

 229.0510, -7.4201,  
-0.0447

 209.2490,  
-54.8458, -1.9724

 232.9830, 2.4734,  
0.0149

 205.4310,  
-64.3025, -2.1320

 236.1170, 9.3093,  
0.7744

■ 201.3140,  
-73.6118, -2.9064

■ 237.6120, 8.5723,  
3.8483

■ 197.4960,  
-83.0685, -3.0660

■ 238.8080, 7.9827,  
6.3074

■ 193.6780,  
-92.5253, -3.2256

■ 240.0040, 7.3930,  
8.7665

■ 192.6950,  
-94.9986, -3.2405

■ 241.4990, 6.6560,  
11.8404

# Harmonies

## Analogous

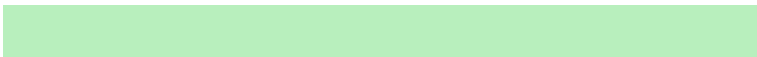
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.5430, -30.3407, 24.9568



221.1160, -26.1862, -0.9787



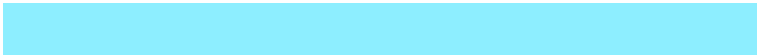
216.8550, -13.7325, -28.8138

# Triad

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



221.1160, -26.1862, -0.9787



210.9350, 21.7240, -61.3330



221.8540, 5.0020, 29.0690

# Complementary

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



221.1160, -26.1862, -0.9787



178.8840, 26.1862, 0.9787

# Split Complementary

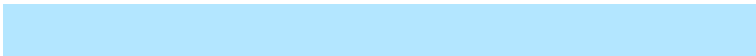
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.9980, 13.3120, 23.6808



221.1160, -26.1862, -0.9787



217.6010, 18.4377, -33.8531

# Square

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



221.1160, -26.1862, -0.9787



210.2390, 20.5882, -70.3696



224.5990, 14.9877, -0.5253



218.7930, -9.2649, 31.7535

# Rectangle

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



221.1160, -26.1862, -0.9787



213.7200, -2.3270, -47.1124



224.5990, 14.9877, -0.5253



223.5810, 9.0806, 27.5545

# Sweetspot

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



221.1160, -26.1862, -0.9787



251.5240, -8.1463, -0.4595



194.1800, -12.9067, 33.1681



125.6210, -5.2362, -0.5446



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

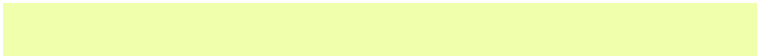


# Same Dimension

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



221.1160, -26.1862, -0.9787



240.6400, -34.3325, -1.4383



211.5480, -21.4692, -20.6516



113.0340, -4.9468, -0.0298



148.4280, -73.1750, -3.0064



42.1960, -20.8026, -1.0489



# Inverse Universe

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



178.8840, 26.1862, 0.9787



185.3600, 34.3325, 1.4383



188.4520, 21.4692, 20.6516



104.9660, 4.9468, 0.0298



30.2730, 73.3224, 2.3916

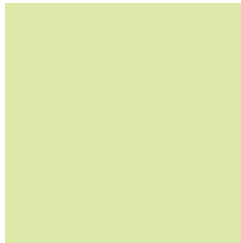


8.8040, 20.8026, 1.0489



# Previews

## White Background



This preview shows how the YUV color 221.1160, -26.1862, -0.9787 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 221.1160, -26.1862, -0.9787 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

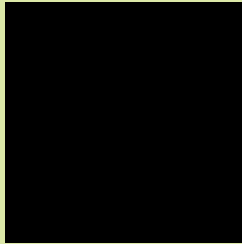
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

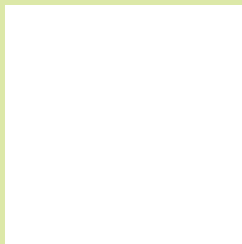
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 221.1160, -26.1862, -0.9787

## Background



This preview shows how black text looks on a background with the YUV color 221.1160, -26.1862, -0.9787.



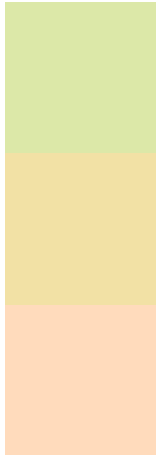
This preview shows how white text looks on a background with the YUV color 221.1160, -26.1862, -0.9787.

-0.9787.

# 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

221.1160, -26.1862, -0.9787

### Protanopia

223.2430, -28.7138, 16.4499

### Deuteranopia

226.2300, -18.8474, 25.2313



## Tritanopia

227.0310, 6.3937, 2.6038

# Trichromacy

	<b>Original Color</b> 221.1160, -26.1862, -0.9787
	<b>Protanomaly</b> 222.7260, -27.9659, 9.8873
	<b>Deuteranomaly</b> 224.4800, -21.4356, 15.3650
	<b>Tritanomaly</b> 224.6320, -5.2416, 1.1997

# Monochromacy

	<b>Original Color</b> 221.1160, -26.1862, -0.9787
	<b>Achromatopsia</b> 221.0000, 0.0000, 0.0000
	<b>Achromatomaly</b> 221.1820, -9.4567, -0.1596

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 221.1160, -26.1862, -0.9787 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(220, 232, 168)` looks like.

```
.text, #text, p{  
    color:rgb(220, 232, 168)  
}
```

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(220, 232, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 232, 168) }
```

## Border

The CSS property to change the border of an element to YUV 221.1160, -26.1862, -0.9787 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(220, 232, 168) }
```

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

```
.border{ border-color:rgb(220, 232, 168) }
```

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

Here you see how a box with a 4 pixel rgb(220, 232, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 232, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 232, 168);  
box-shadow:4px 4px 4px 4px rgb(220, 232,  
168) }
```

# Background

The CSS property to change the background color of an element to YUV 221.1160, -26.1862, -0.9787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 232, 168) }
```

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

```
.background{ background-color: rgb(220,  
232, 168) }
```

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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