

# Converting Colors

YUV(210.9570, -41.8838,  
-6.1013)

Have a look what the booklet for  
YUV(210.9570, -41.8838, -6.1013)  
contains.

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# Color

**YUV(210.9570, -41.8838,  
-6.1013)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCE77E
RGB	204, 231, 126
RGB Percent	80%, 91%, 49%
CMY	0.2000, 0.0941, 0.5059
CMYK	0.12, 0.00, 0.45, 0.09
HSL	75°, 69%, 70%
HSV	75°, 45%, 91%
XYZ	57.2436, 71.4956, 30.5216
YIQ	210.9570, 17.6130, -38.3790

# Conversions

## Conversions Part 2

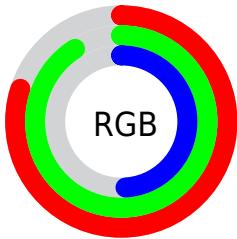
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 231, 153
Decimal	13428606
CIELab	87.73, -24.84, 47.94
CIELCh	88, 54.000, 117.393
Yxy	71.4956, 0.3594, 0.4489
Android (android.graphics.Color)	4291618686 (0xFFCCE77E)
YUV	210.9570, -41.8838, -6.1013
Hunter-Lab	84.5550, -27.1271, 37.7868

# Details

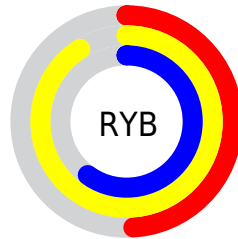
The YUV color **210.9570, -41.8838, -6.1013** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **146.0430, 41.8838, 6.1013**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.4500, -32.7599, 7.4983**, and **155.4130, -40.1366, -6.5012** is the 20% darker color. If you saturate the color by 10%, you get **206.5410, -51.0457, -7.4905**, and if you desaturate by 10%, it is **215.3730, -32.7219, -4.7121**.

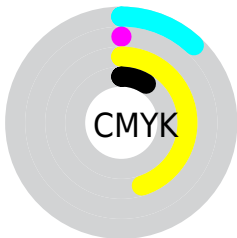
# Distribution



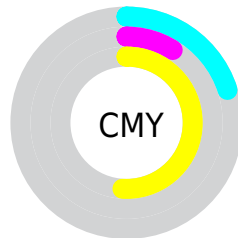
- Red (80%)
- Green (91%)
- Blue (49%)



- Red (49%)
- Yellow (91%)
- Blue (60%)



- Cyan (12%)
- Magenta (0%)
- Yellow (45%)
- Black (9%)



- Cyan (20%)
- Magenta (9%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 210.9570, -41.8838, -6.1013 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 210.9570, -41.8838, -6.1013 by changing the saturation by 10% instead.



210.9570,  
-41.8838, -6.1013

210.9570,  
-41.8838, -6.1013

255.0000, 0.0000,  
0.0000

183.1850,  
-41.0102, -6.3012

246.4500,  
-32.7599, 7.4983

155.4130,  
-40.1366, -6.5012

249.7560,  
-20.0927, 4.5990

129.1140,  
-39.9892, -7.1160

252.9480, -7.8624,  
1.7996

102.8860,  
-40.8628, -6.9160

78.1570, -38.5314,  
-8.0307

56.5940, -27.9008,  
-11.0449

34.7210, -17.1175,

-16.4183

■ 18.1970, -8.9711,  
-15.9588

■ 0.0000, 0.0000,  
0.0000

■ 210.9570,  
-41.8838, -6.1013

■ 210.9570,  
-41.8838, -6.1013

■ 206.5410,  
-51.0457, -7.4905

■ 215.3730,  
-32.7219, -4.7121

■ 202.1250,  
-60.2076, -8.8796

■ 219.7890,  
-23.5600, -3.3230

■ 197.7090,  
-69.3695, -10.2688

■ 224.2050,  
-14.3981, -1.9338

■ 193.2930,  
-78.5314, -11.6580

■ 228.6210, -5.2362,  
-0.5446

■ 188.7630,  
-88.1302, -12.9472

■ 233.1510, 4.3626,  
0.7446

■ 187.0250,  
-92.2033, -13.1769

■ 236.4270, 9.1565,  
3.1335

■ 238.2210, 8.2720,  
6.8222

■ 240.0150, 7.3876,  
10.5108

■ 240.9120, 6.9454,  
12.3552

# Harmonies

## Analogous

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



215.5600, -49.5761, 34.5889



210.9570, -41.8838, -6.1013



202.5070, -19.4770, -53.0646

# Triad

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



210.9570, -41.8838, -6.1013



169.3630, 42.2190, -148.5314



207.1960, 9.7634, 41.9241

# Complementary

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



210.9570, -41.8838, -6.1013



146.0430, 41.8838, 6.1013

# 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.



216.2580, 19.0998, 33.9767



210.9570, -41.8838, -6.1013



200.2920, 26.9710, -64.2771

# Square

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



210.9570, -41.8838, -6.1013



173.4720, 40.1933, -152.1349



216.3480, 19.0554, 1.4488



203.0290, -13.8183, 45.5786



# Rectangle

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



210.9570, -41.8838, -6.1013



192.1720, 1.8872, -92.2358



216.3480, 19.0554, 1.4488



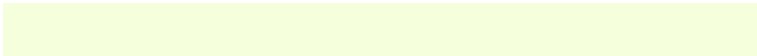
210.3080, 16.6102, 39.1949

# Sweetspot

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



210.9570, -41.8838, -6.1013



248.2050, -14.3981, -1.9338



172.6570, -23.0019, 51.1668



123.6980, -8.7251, -1.4891



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.



210.9570, -41.8838, -6.1013



228.2760, -55.8451, -8.1351



195.4090, -34.2186, -38.0697



112.7350, -4.7994, -0.6446



144.8400, -71.4061, -10.3837



41.2990, -20.3604, -2.8932



# Inverse Universe

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



146.0430, 41.8838, 6.1013



141.7240, 55.8451, 8.1351



161.5910, 34.2186, 38.0697



105.2650, 4.7994, 0.6446



34.1600, 71.4061, 10.3837

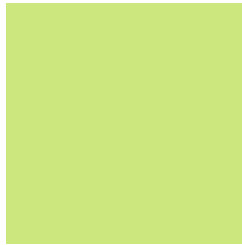


9.7010, 20.3604, 2.8932



# Previews

## White Background



This preview shows how the YUV color 210.9570, -41.8838, -6.1013 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 210.9570, -41.8838, -6.1013 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

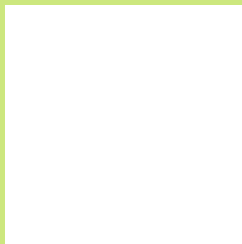
Any Text WCAG AAA ✓ Pass

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

# YUV 210.9570, -41.8838, -6.1013 Background



This preview shows how black text looks on a background with the YUV color 210.9570, -41.8838, -6.1013.



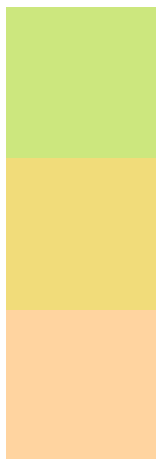
This preview shows how white text looks on a background with the YUV color 210.9570, -41.8838, -6.1013.

-6.1013.

# 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

210.9570, -41.8838, -6.1013

### Protanopia

215.1070, -45.9018, 22.7082

### Deuteranopia

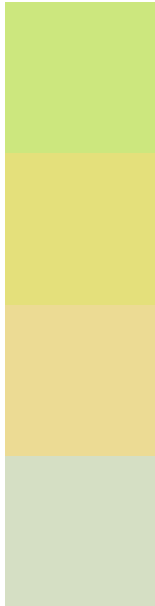
218.9290, -29.0520, 31.6343



## Tritanopia

220.0520, 7.8624, -1.7996

# Trichromacy



## Original Color

210.9570, -41.8838, -6.1013

## Protanomaly

213.6820, -44.7062, 12.5569

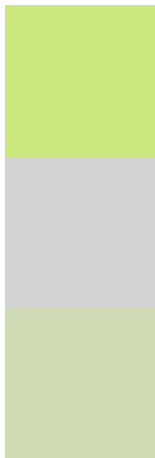
## Deuteranomaly

215.9890, -33.5186, 17.5496

## Tritanomaly

216.9320, -10.3195, -3.4484

# Monochromacy



## Original Color

210.9570, -41.8838, -6.1013

## Achromatopsia

211.0000, 0.0000, 0.0000

## Achromatomaly

210.6780, -15.1243, -2.3486

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 210.9570, -41.8838, -6.1013 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(204, 231, 126)` looks like.

```
.text, #text, p{  
    color:rgb(204, 231, 126)  
}
```

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(204, 231, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 231, 126) }
```

## Border

The CSS property to change the border of an element to YUV 210.9570, -41.8838, -6.1013 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(204, 231, 126) }
```



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

```
.border{ border-color:rgb(204, 231, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 231, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 231, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 231, 126);  
box-shadow:4px 4px 4px 4px rgb(204, 231,  
126) }
```

# Background

The CSS property to change the background color of an element to YUV 210.9570, -41.8838, -6.1013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 231, 126) }
```

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

```
.background{ background-color: rgb(204,  
231, 126) }
```

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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