

# Converting Colors

YUV(221.2780, -25.2801,  
-11.6448)

Have a look what the booklet for  
YUV(221.2780, -25.2801, -11.6448)  
contains.

<b>YUV(221.2780, -25.2801, -11.6448)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(221.2780, -25.2801,  
-11.6448)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0EEAA
RGB	208, 238, 170
RGB Percent	82%, 93%, 67%
CMY	0.1843, 0.0667, 0.3333
CMYK	0.13, 0.00, 0.29, 0.07
HSL	86°, 67%, 80%
HSV	86°, 29%, 93%
XYZ	63.8427, 77.4612, 49.6169
YIQ	221.2780, 3.9480, -27.5080

# Conversions

## Conversions Part 2

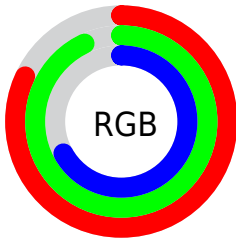
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 238, 200
Decimal	13692586
CIELab	90.53, -21.31, 29.77
CIElCh	91, 36.614, 125.593
Yxy	77.4612, 0.3344, 0.4057
Android (android.graphics.Color)	4291882666 (0xFFD0EEAA)
YUV	221.2780, -25.2801, -11.6448
Hunter-Lab	88.0121, -24.5399, 28.1837

# Details

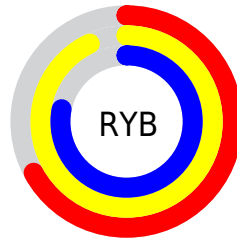
The YUV color  $221.2780, -25.2801, -11.6448$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $186.7220, 25.2801, 11.6448$ , and the grayscale version is  $222.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $251.6940, -12.6671, 2.8994$ , and  $165.9190, -24.1171, -11.3300$  is the 20% darker color. If you saturate the color by 10%, you get  $215.2530, -34.1417, -16.0079$ , and if you desaturate by 10%, it is  $227.0040, -16.2710, -7.8965$ .

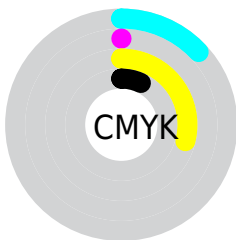
# Distribution



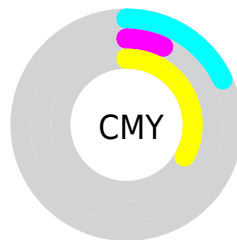
- Red (82%)
- Green (93%)
- Blue (67%)



- Red (67%)
- Yellow (93%)
- Blue (78%)



- Cyan (13%)
- Magenta (0%)
- Yellow (29%)
- Black (7%)



- Cyan (18%)
- Magenta (7%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 221.2780, -25.2801, -11.6448 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 221.2780, -25.2801, -11.6448 by changing the saturation by 10% instead.



■ 221.2780,  
-25.2801, -11.6448

■ 221.2780,  
-25.2801, -11.6448

255.0000, 0.0000,  
0.0000

■ 193.3920,  
-24.8433, -11.7448

■ 251.6940,  
-12.6671, 2.8994

■ 165.9190,  
-24.1171, -11.3300

254.8860, -0.4368,  
0.1000

■ 139.1470,  
-23.2435, -11.5299

■ 113.6740,  
-22.5173, -11.1151

■ 88.7880, -22.0805,  
-11.2151

■ 64.9020, -21.6437,  
-11.3151

■ 41.5430, -20.4807,

-11.0002

■ 21.1430, -10.4235,  
-16.7884

■ 2.3480, -1.1576,  
-2.0592

■ 221.2780,  
-25.2801, -11.6448

■ 221.2780,  
-25.2801, -11.6448

■ 215.2530,  
-34.1417, -16.0079

■ 227.0040,  
-16.2710, -7.8965

■ 209.5270,  
-43.1508, -19.7562

■ 233.0290, -7.4093,  
-3.5334

■ 203.9150,  
-51.7231, -23.6045

■ 238.6410, 1.1630,  
0.3148

■ 197.8900,  
-60.5848, -27.9675

■ 243.5260, 5.6567,  
5.6777

■ 191.8650,  
-69.4464, -32.3306

■ 245.0210, 4.9196,  
8.7516

■ 186.1390,  
-78.4555, -36.0789

■ 180.1140,  
-87.3172, -40.4420

■ 179.4730,  
-88.4802, -40.7568

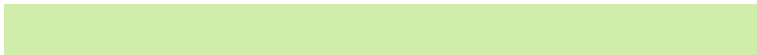
# Harmonies

## Analogous

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



225.4020, -33.2292, 18.0644



221.2780, -25.2801, -11.6448



216.3200, -9.0318, -43.2536

# Triad

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



221.2780, -25.2801, -11.6448



212.1200, 21.1398, -60.6182



220.1270, 0.9234, 30.5836

# Complementary

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



221.2780, -25.2801, -11.6448



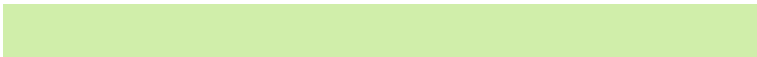
186.7220, 25.2801, 11.6448

# Split Complementary

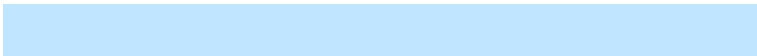
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.2370, 14.1802, 25.2252



221.2780, -25.2801, -11.6448



220.9010, 16.8108, -25.3462

# Square

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



221.2780, -25.2801, -11.6448



208.1560, 23.0941, -80.8208



228.5080, 13.0606, 10.9555



218.7130, -14.6485, 31.8237



# Rectangle

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



221.2780, -25.2801, -11.6448



212.6410, 4.1210, -61.9522



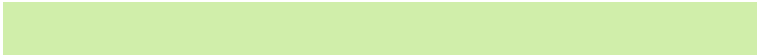
228.5080, 13.0606, 10.9555



221.4950, 6.1650, 29.3839

# Sweetspot

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



221.2780, -25.2801, -11.6448



249.3880, -8.5723, -3.8483



207.3550, -18.4160, 26.8757



124.1970, -5.5201, -2.8038



0.0000, 0.0000, 0.0000

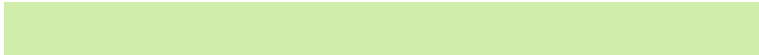


128.0000, 0.0000, 0.0000

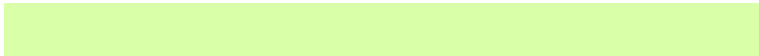


# Same Dimension

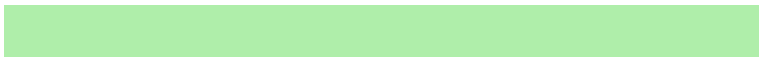
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.2780, -25.2801, -11.6448



233.7200, -32.4000, -14.6634



211.4110, -20.4156, -31.9324



117.1370, -4.5045, -1.8741



138.8050, -68.4309, -31.4010



42.1410, -20.7755, -9.7707



# Inverse Universe

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



186.7220, 25.2801, 11.6448



189.5790, 32.2526, 15.2782



196.5890, 20.4156, 31.9324



110.8630, 4.5045, 1.8741



45.1950, 68.4309, 31.4010



13.8590, 20.7755, 9.7707



# Previews

## White Background



This preview shows how the YUV color 221.2780, -25.2801, -11.6448 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

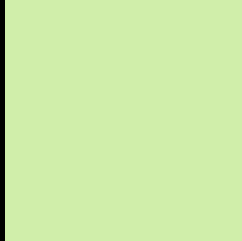
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 221.2780, -25.2801, -11.6448 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

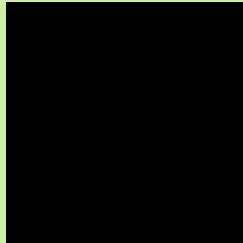
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

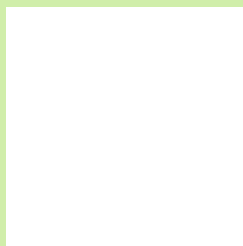
Any Text WCAG AAA ✓ Pass

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

# YUV 221.2780, -25.2801, -11.6448 Background



This preview shows how black text looks on a background with the YUV color 221.2780, -25.2801, -11.6448.



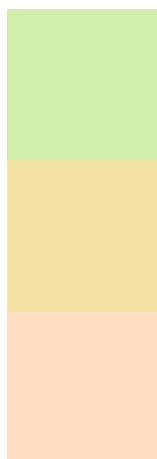
This preview shows how white text looks on a background with the YUV color 221.2780, -25.2801, -11.6448.

-11.6448.

# 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

221.2780, -25.2801, -11.6448

### Protanopia

225.3140, -29.7348, 17.2646

### Deuteranopia

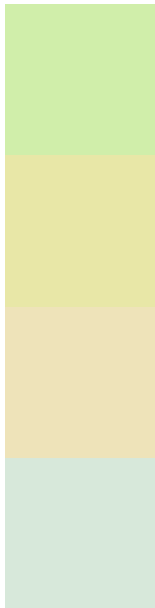
228.0880, -16.8054, 23.6018



## Tritanopia

227.3610, 9.1890, -7.3326

# Trichromacy



## Original Color

221.2780, -25.2801, -11.6448

## Protanomaly

224.0030, -28.1025, 7.0134

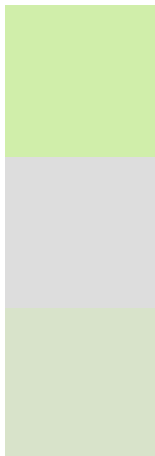
## Deuteranomaly

225.5010, -19.9670, 10.9616

## Tritanomaly

225.3210, -3.6093, -9.0515

# Monochromacy



## Original Color

221.2780, -25.2801, -11.6448

## Achromatopsia

221.0000, 0.0000, 0.0000

## Achromatomaly

220.8610, -9.2985, -4.2631

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 221.2780, -25.2801, -11.6448 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(208, 238, 170)` looks like.

```
.text, #text, p{  
    color:rgb(208, 238, 170)  
}
```

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(208, 238, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 238, 170) }
```

## Border

The CSS property to change the border of an element to YUV 221.2780, -25.2801, -11.6448 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(208, 238, 170) }
```



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

```
.border{ border-color:rgb(208, 238, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 238, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 238, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 238, 170);  
box-shadow:4px 4px 4px 4px rgb(208, 238,  
170) }
```

# Background

The CSS property to change the background color of an element to YUV 221.2780, -25.2801, -11.6448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 238, 170) }
```

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

```
.background{ background-color: rgb(208,  
238, 170) }
```

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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