

# Converting Colors

YUV(230.7470, -29.9483,  
-7.6711)

Have a look what the booklet for  
YUV(230.7470, -29.9483, -7.6711)  
contains.

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# Color

**YUV(230.7470, -29.9483,  
-7.6711)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DEF7AA
RGB	222, 247, 170
RGB Percent	87%, 97%, 67%
CMY	0.1294, 0.0314, 0.3333
CMYK	0.10, 0.00, 0.31, 0.03
HSL	79°, 83%, 82%
HSV	79°, 31%, 97%
XYZ	70.6407, 84.9534, 50.7047
YIQ	230.7470, 9.8170, -29.2470

# Conversions

## Conversions Part 2

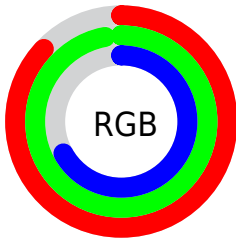
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 247, 195
Decimal	14612394
CIELab	93.86, -20.64, 34.40
CIElCh	94, 40.115, 120.967
Yxy	84.9534, 0.3424, 0.4118
Android (android.graphics.Color)	4292802474 (0xFFDEF7AA)
YUV	230.7470, -29.9483, -7.6711
Hunter-Lab	92.1702, -24.4926, 31.9025

# Details

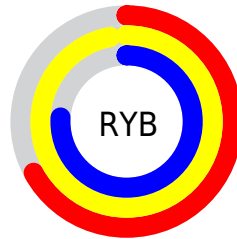
The YUV color  $230.7470, -29.9483, -7.6711$  is a light color, and the websafe version is hex  $CCFF99$ . A complement of this color would be  $186.2530, 29.9483, 7.6711$ , and the grayscale version is  $231.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $251.6940, -12.6671, 2.8994$ , and  $175.0890, -28.6379, -7.9711$  is the 20% darker color. If you saturate the color by 10%, you get  $225.5050, -39.6890, -10.0899$ , and if you desaturate by 10%, it is  $235.9890, -20.2076, -5.2524$ .

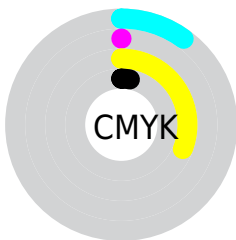
# Distribution



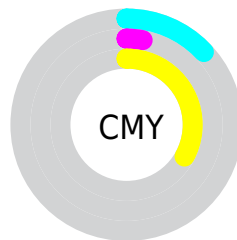
- Red (87%)
- Green (97%)
- Blue (67%)



- Red (67%)
- Yellow (97%)
- Blue (76%)



- Cyan (10%)
- Magenta (0%)
- Yellow (31%)
- Black (3%)



- Cyan (13%)
- Magenta (3%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 230.7470, -29.9483, -7.6711 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 230.7470, -29.9483, -7.6711 by changing the saturation by 10% instead.



■ 230.7470,  
-29.9483, -7.6711

■ 230.7470,  
-29.9483, -7.6711

255.0000, 0.0000,  
0.0000

■ 202.2740,  
-29.2221, -7.2563

■ 251.6940,  
-12.6671, 2.8994

■ 175.0890,  
-28.6379, -7.9711

■ 147.7300,  
-27.4749, -7.6562

■ 121.8440,  
-27.0381, -7.7562

■ 96.6590, -26.4539,  
-8.4709

■ 72.0720, -26.1645,  
-7.9561

■ 49.2290, -24.2699,

-8.9708

■ 29.1390, -14.3655,  
-12.3999

■ 12.9140, -6.3666,  
-11.3256

■ 230.7470,  
-29.9483, -7.6711

■ 230.7470,  
-29.9483, -7.6711

■ 225.5050,  
-39.6890, -10.0899

■ 235.9890,  
-20.2076, -5.2524

■ 220.3770,  
-48.9929, -12.6086

■ 241.1170,  
-10.9037, -2.7336

■ 215.1350,  
-58.7336, -15.0274

■ 246.3590, -1.1630,  
-0.3148

■ 209.8930,  
-68.4742, -17.4462

■ 250.0050, 2.4625,  
3.5036

■ 204.6510,  
-78.2149, -19.8649

■ 250.3040, 2.3151,  
4.1184

■ 199.5230,  
-87.5188, -22.3837

■ 194.9220,  
-96.0965, -24.4876

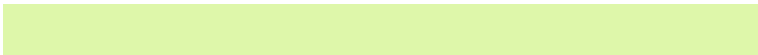
# Harmonies

## Analogous

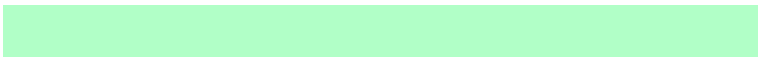
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.4300, -35.7080, 19.7939



230.7470, -29.9483, -7.6711



225.2940, -12.9629, -42.3538

# Triad

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



230.7470, -29.9483, -7.6711



216.1740, 19.1412, -72.9436



225.4730, 6.1758, 25.8952

# Complementary

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



230.7470, -29.9483, -7.6711



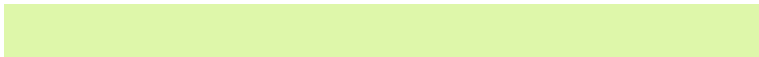
186.2530, 29.9483, 7.6711

# Split Complementary

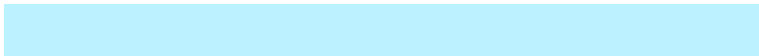
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.9330, 11.8650, 21.1068



230.7470, -29.9483, -7.6711



226.7490, 13.9277, -33.9829

# Square

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



230.7470, -29.9483, -7.6711



211.3460, 21.5214, -89.7574



235.2750, 9.7244, 7.6518

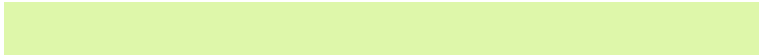


223.3750, -12.0169, 27.7351

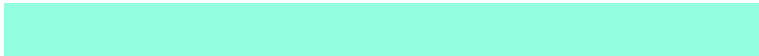


# Rectangle

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



230.7470, -29.9483, -7.6711



219.1740, 2.3792, -63.2966



235.2750, 9.7244, 7.6518



227.5420, 11.5648, 24.0807

# Sweetspot

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



230.7470, -29.9483, -7.6711



250.2850, -9.0145, -2.0039



207.1110, -18.2957, 34.9827



124.7950, -5.8149, -1.5742



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

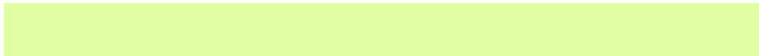


# Same Dimension

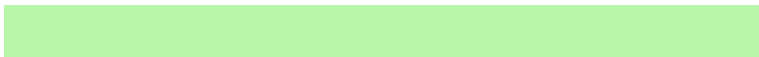
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.7470, -29.9483, -7.6711



235.0150, -36.4894, -9.6602



219.3850, -24.3468, -31.0326



119.4360, -4.6519, -1.2594



146.8560, -72.4000, -18.2907



46.5930, -22.9703, -5.7821



# Inverse Universe

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



186.2530, 29.9483, 7.6711



180.6860, 36.6368, 9.0454



197.6150, 24.3468, 31.0326



112.5640, 4.6519, 1.2594



39.1440, 72.4000, 18.2907

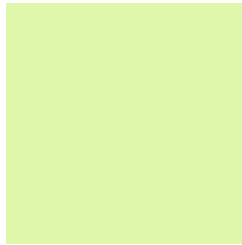


12.4070, 22.9703, 5.7821



# Previews

## White Background



This preview shows how the YUV color 230.7470, -29.9483, -7.6711 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

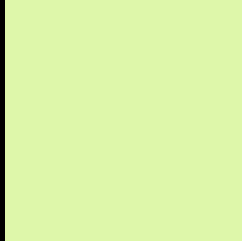
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 230.7470, -29.9483, -7.6711 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

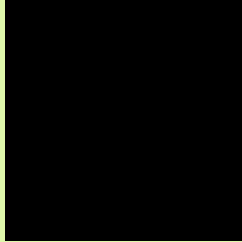
Any Text WCAG AA ✓ Pass

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 230.7470, -29.9483, -7.6711 Background



This preview shows how black text looks on a background with the YUV color 230.7470, -29.9483, -7.6711.



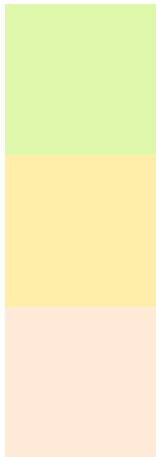
This preview shows how white text looks on a background with the YUV color 230.7470, -29.9483, -7.6711.

-7.6711.

# 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

230.7470, -29.9483, -7.6711

### Protanopia

234.7440, -31.9188, 17.7645

### Deuteranopia

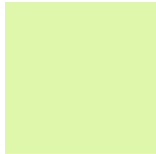
237.5260, -11.1053, 15.3247



## Tritanopia

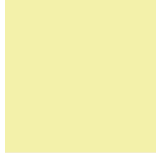
237.5680, 8.5940, -3.1291

# Trichromacy



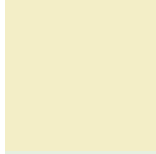
## Original Color

230.7470, -29.9483, -7.6711



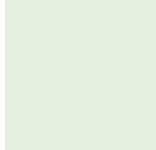
## Protanomaly

233.5040, -31.3075, 8.3280



## Deuteranomaly

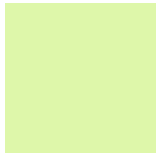
235.0490, -17.7722, 6.9730



## Tritanomaly

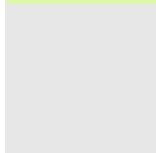
235.1860, -5.5147, -4.5481

# Monochromacy



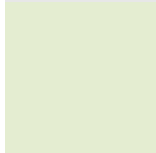
## Original Color

230.7470, -29.9483, -7.6711



## Achromatopsia

231.0000, 0.0000, 0.0000



## Achromatomaly

231.1170, -10.9037, -2.7336

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 230.7470, -29.9483, -7.6711 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(222, 247, 170)` looks like.

```
.text, #text, p{  
    color:rgb(222, 247, 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(222, 247, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 247, 170) }
```

## Border

The CSS property to change the border of an element to YUV 230.7470, -29.9483, -7.6711 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(222, 247, 170) }
```



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

```
.border{ border-color:rgb(222, 247, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 247, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 247, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 247, 170);  
box-shadow:4px 4px 4px 4px rgb(222, 247,  
170) }
```

# Background

The CSS property to change the background color of an element to YUV 230.7470, -29.9483, -7.6711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 247, 170) }
```

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

```
.background{ background-color: rgb(222,  
247, 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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