

# Converting Colors

YUV(227.8880, -0.4378,  
-46.3828)

Have a look what the booklet for  
YUV(227.8880, -0.4378, -46.3828)  
contains.

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# Color

**YUV(227.8880, -0.4378,  
-46.3828)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFFFE3
RGB	175, 255, 227
RGB Percent	69%, 100%, 89%
CMY	0.3137, 0.0000, 0.1098
CMYK	0.31, 0.00, 0.11, 0.00
HSL	159°, 100%, 84%
HSV	159°, 31%, 100%
XYZ	67.3043, 86.1800, 85.7601
YIQ	227.8880, -38.6920, -25.6680

# Conversions

## Conversions Part 2

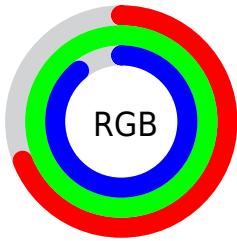
<b>Format</b>	<b>Color</b>
<b>RYB</b>	175, 223, 255
Decimal	11534307
CIELab	94.39, -30.15, 5.62
CIElCh	94, 30.675, 169.435
Yxy	86.1800, 0.2813, 0.3602
Android (android.graphics.Color)	4289724387 (0xFFAFFFE3)
YUV	227.8880, -0.4378, -46.3828
Hunter-Lab	92.8332, -33.0451, 10.2106

# Details

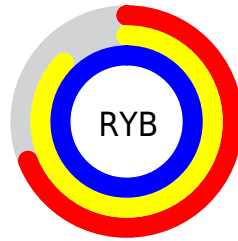
The YUV color  $227.8880, -0.4378, -46.3828$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $202.1120, 0.4378, 46.3828$ , and the grayscale version is  $228.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $248.1230, 3.3904, -14.1399$ , and  $171.7140, 0.1410, -45.3532$  is the 20% darker color. If you saturate the color by 10%, you get  $219.0880, -0.5364, -61.4672$ , and if you desaturate by 10%, it is  $236.6880, -0.3392, -31.2984$ .

# Distribution



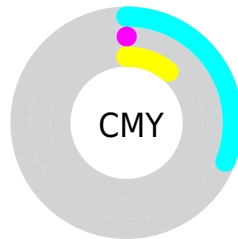
- Red (69%)
- Green (100%)
- Blue (89%)



- Red (69%)
- Yellow (87%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)




- Cyan (31%)
- Magenta (0%)
- Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 227.8880, -0.4378, -46.3828 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 227.8880, -0.4378, -46.3828 by changing the saturation by 10% instead.




 227.8880, -0.4378,  
-46.3828


 227.8880, -0.4378,  
-46.3828

255.0000, 0.0000,  
0.0000


 199.3010, -0.1484,  
-45.8680


 248.1230, 3.3904,  
-14.1399

 171.7140, 0.1410,  
-45.3532

 144.1270, 0.4304,  
-44.8384

 117.8280, 0.5778,  
-45.4532

 91.1590, 1.8936,  
-47.4974

 62.6850, 4.0993,  
-54.9747

 46.0890, 1.4351,

-40.4201

■ 29.6070, -0.7923,  
-25.9653

■ 14.2020, -6.5086,  
-12.4552

■ 227.8880, -0.4378,  
-46.3828

■ 227.8880, -0.4378,  
-46.3828

■ 219.0880, -0.5364,  
-61.4672

■ 236.6880, -0.3392,  
-31.2984

■ 210.5870, -0.7824,  
-75.9368

■ 245.1890, -0.0932,  
-16.8288

■ 201.7870, -0.8810,  
-91.0212

■ 253.9890, 0.0054,  
-1.7444

■ 193.2860, -1.1270,  
-105.4908

■ 255.0000, 0.0000,  
0.0000

■ 184.7850, -1.3730,  
-119.9604

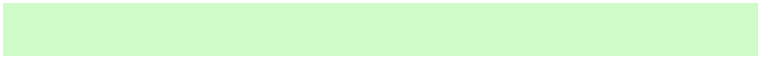
■ 175.9850, -1.4716,  
-135.0448

■ 168.6090, -1.2862,  
-147.8701

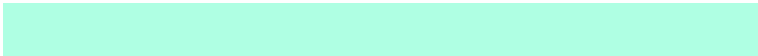
# Harmonies

## Analogous

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



232.0300, -15.7908, -21.9513



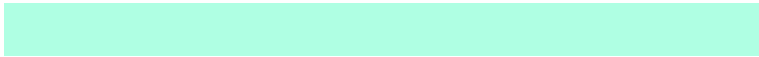
227.8880, -0.4378, -46.3828



225.1000, 14.7407, -61.4777

# Triad

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



227.8880, -0.4378, -46.3828



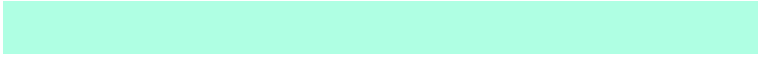
235.7850, 9.4730, -5.0734



229.9630, -17.2368, 21.9574

# Complementary

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



227.8880, -0.4378, -46.3828



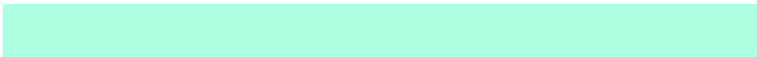
202.1120, 0.4378, 46.3828

# 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.



229.2910, -4.5805, 22.5468



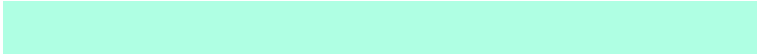
227.8880, -0.4378, -46.3828



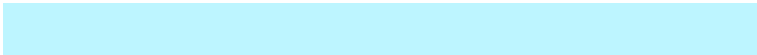
237.3900, 8.6817, 15.4440

# Square

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



227.8880, -0.4378, -46.3828



229.3960, 12.6228, -35.4273



233.4120, 8.6709, 18.9327

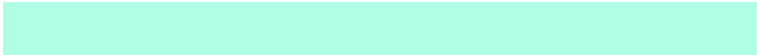


233.6500, -25.9564, 18.7240



# Rectangle

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



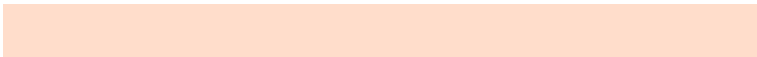
227.8880, -0.4378, -46.3828



224.5130, 15.0301, -60.9629



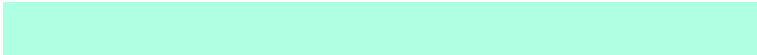
233.4120, 8.6709, 18.9327



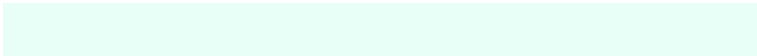
229.1140, -12.8742, 22.7020

# Sweetspot

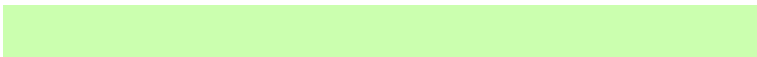
The Sweet Spot groups the original color and five complimentary colors.



227.8880, -0.4378, -46.3828



247.2110, -0.1040, -13.3400



230.3320, -27.2787, -23.9702



122.9450, 0.0271, -8.7218



0.0000, 0.0000, 0.0000

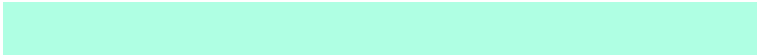


128.0000, 0.0000, 0.0000

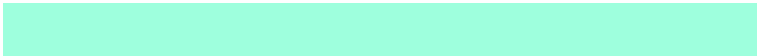


# Same Dimension

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



227.8880, -0.4378, -46.3828



222.1210, -0.5527, -56.2341



224.0360, 15.2653, -43.0046



123.5430, -0.2677, -7.4922



126.2530, -1.1107, -110.7239



42.2420, -0.6123, -37.0462



# Inverse Universe

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



202.1120, 0.4378, 46.3828



190.8790, 0.5527, 56.2341



205.9640, -15.2653, 43.0046



119.3430, -0.1691, 7.5922



64.7470, 1.1107, 110.7239

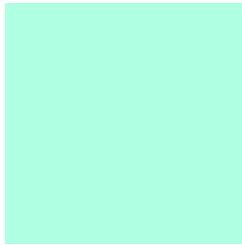


21.6440, 0.1755, 37.1462



# Previews

## White Background



This preview shows how the YUV color 227.8880, -0.4378, -46.3828 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 227.8880, -0.4378, -46.3828 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

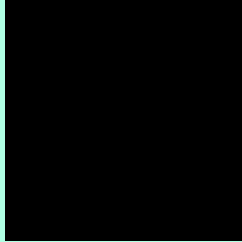
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

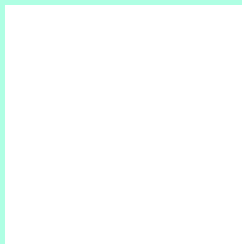
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 227.8880, -0.4378, -46.3828

## Background



This preview shows how black text looks on a background with the YUV color 227.8880, -0.4378, -46.3828.



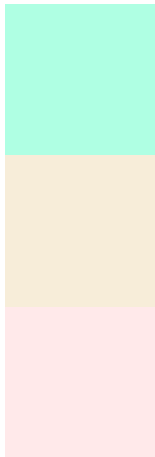
This preview shows how white text looks on a background with the YUV color 227.8880, -0.4378, -46.3828.

-46.3828.

# 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

227.8880, -0.4378, -46.3828

### Protanopia

237.7100, -10.2100, 8.1473

### Deuteranopia

239.6920, -2.8062, 13.4251



## **Tritanopia**

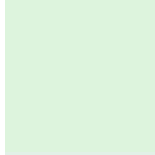
235.3870, 9.6692, -21.3874

# Trichromacy



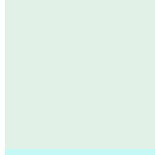
## Original Color

227.8880, -0.4378, -46.3828



## Protanomaly

234.5010, -6.6560, -11.8404



## Deuteranomaly

235.3750, -2.1569, -8.2219



## Tritanomaly

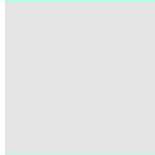
232.7080, 6.0600, -30.4389

# Monochromacy



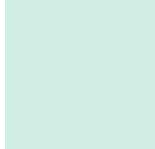
## Original Color

227.8880, -0.4378, -46.3828



## Achromatopsia

228.0000, 0.0000, 0.0000



## Achromatomaly

228.1890, -0.0932, -16.8288

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 227.8880, -0.4378, -46.3828 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(175, 255, 227)` looks like.

```
.text, #text, p{  
    color:rgb(175, 255, 227)  
}
```

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(175, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 255, 227) }
```

## Border

The CSS property to change the border of an element to YUV 227.8880, -0.4378, -46.3828 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(175, 255, 227) }
```



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

```
.border{ border-color:rgb(175, 255, 227) }
```

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

Here you see how a box with a 4 pixel rgb(175, 255, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(175, 255,  
227) }
```

# Background

The CSS property to change the background color of an element to YUV 227.8880, -0.4378, -46.3828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 255, 227) }
```

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

```
.background{ background-color: rgb(175,  
255, 227) }
```

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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