

# Converting Colors

YUV(227.4470, 1.7516,  
-48.6270)

Have a look what the booklet for  
YUV(227.4470, 1.7516, -48.6270)  
contains.

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# Color

**YUV(227.4470, 1.7516,  
-48.6270)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACFFE7
RGB	172, 255, 231
RGB Percent	67%, 100%, 91%
CMY	0.3255, 0.0000, 0.0941
CMYK	0.33, 0.00, 0.09, 0.00
HSL	163°, 100%, 84%
HSV	163°, 33%, 100%
XYZ	67.1971, 86.0602, 88.6709
YIQ	227.4470, -41.7640, -25.0600

# Conversions

## Conversions Part 2

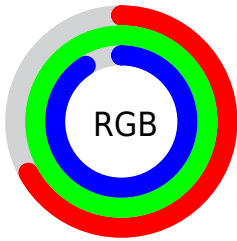
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 221, 255
Decimal	11337703
CIELab	94.34, -30.17, 3.47
CIELCh	94, 30.370, 173.440
Yxy	86.0602, 0.2778, 0.3557
Android (android.graphics.Color)	4289527783 (0xFFACFFE7)
YUV	227.4470, 1.7516, -48.6270
Hunter-Lab	92.7686, -33.0484, 8.2669

# Details

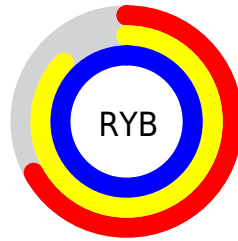
The YUV color  $227.4470, 1.7516, -48.6270$  is a light color, and the websafe version is hex  $99FFFF$ . A complement of this color would be  $199.5530, -1.7516, 48.6270$ , and the grayscale version is  $227.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $247.2260, 3.8326, -15.9842$ , and  $171.1590, 1.8936, -47.4974$  is the 20% darker color. If you saturate the color by 10%, you get  $219.1740, 2.3792, -63.2966$ , and if you desaturate by 10%, it is  $236.0190, 0.9766, -33.3427$ .

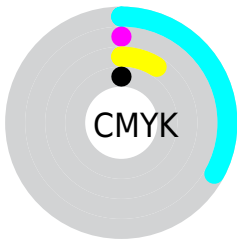
# Distribution



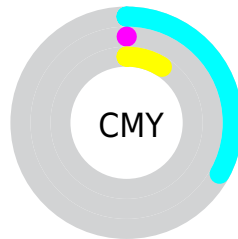
- Red (67%)
- Green (100%)
- Blue (91%)



- Red (67%)
- Yellow (87%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (33%)
- Magenta (0%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 227.4470, 1.7516, -48.6270 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 227.4470, 1.7516, -48.6270 by changing the saturation by 10% instead.



 227.4470, 1.7516,  
-48.6270

 227.4470, 1.7516,  
-48.6270

255.0000, 0.0000,  
0.0000

 198.8600, 2.0410,  
-48.1122


 247.2260, 3.8326,  
-15.9842

 171.1590, 1.8936,  
-47.4974

 143.3870, 2.7672,  
-47.6974

 117.0880, 2.9146,  
-48.3122

 90.0060, 3.9410,  
-50.8713

 63.0270, 5.4097,  
-55.2747

 45.8440, 3.0349,

-40.2052

■ 29.9490, 0.5181,  
-26.2653

■ 14.8860, -3.8878,  
-13.0550

■ 227.4470, 1.7516,  
-48.6270

■ 227.4470, 1.7516,  
-48.6270

■ 219.1740, 2.3792,  
-63.2966

■ 236.0190, 0.9766,  
-33.3427

■ 210.4880, 2.7174,  
-78.4810

■ 244.4060, 0.7858,  
-18.7731

■ 202.2150, 3.3450,  
-93.1506

■ 252.9780, 0.0108,  
-3.4887

■ 193.6430, 4.1200,  
-108.4349

■ 255.0000, 0.0000,  
0.0000

■ 185.2560, 4.3108,  
-123.0045

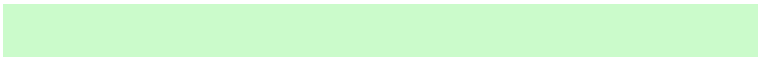
■ 176.6840, 5.0858,  
-138.2889

■ 170.3190, 5.2657,  
-149.3698

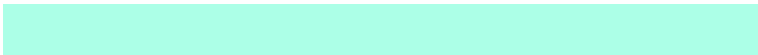
# Harmonies

## Analogous

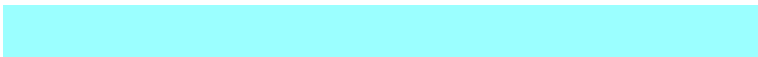
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.1760, -13.8908, -24.7104



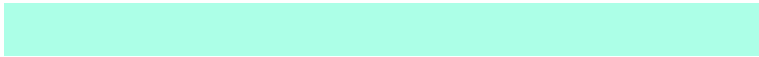
227.4470, 1.7516, -48.6270



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.



227.4470, 1.7516, -48.6270



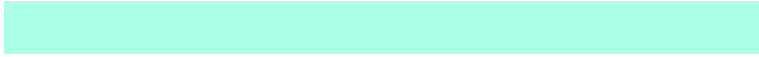
236.1060, 9.3147, -0.9700



230.3220, -18.3997, 21.6426

# Complementary

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



227.4470, 1.7516, -48.6270



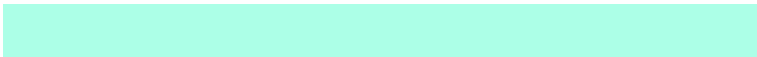
199.5530, -1.7516, 48.6270

# 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.



229.5360, -6.1802, 22.3319



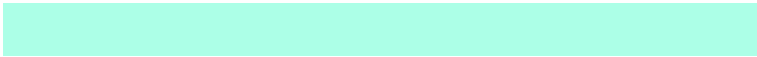
227.4470, 1.7516, -48.6270



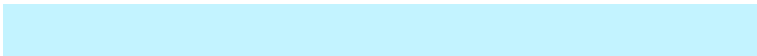
236.8030, 8.9711, 15.9588

# Square

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



227.4470, 1.7516, -48.6270



230.0160, 12.3171, -30.7090



232.2550, 6.7763, 19.9474

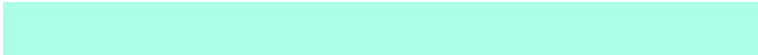


234.8240, -26.5352, 17.6944



# Rectangle

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



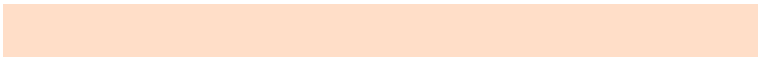
227.4470, 1.7516, -48.6270



224.5240, 15.0247, -59.2185



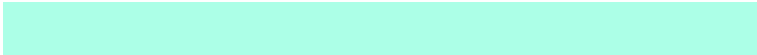
232.2550, 6.7763, 19.9474



229.3590, -14.4740, 22.4872

# Sweetspot

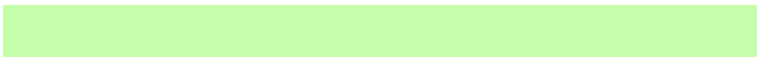
The Sweet Spot groups the original color and five complimentary colors.



227.4470, 1.7516, -48.6270



246.7270, 0.6276, -14.6696



228.1960, -27.7046, -27.3589



122.6460, 0.1745, -9.3365



0.0000, 0.0000, 0.0000

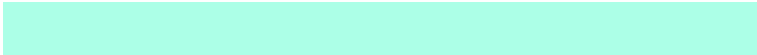


128.0000, 0.0000, 0.0000

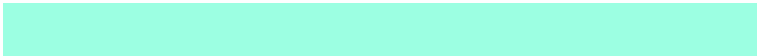


# Same Dimension

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



227.4470, 1.7516, -48.6270



222.0930, 1.9262, -57.9636



220.2040, 17.1544, -42.2749



123.6570, 0.1691, -7.5922



127.6210, 4.1308, -111.9236



42.6980, 1.1349, -37.4461



# Inverse Universe

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



199.5530, -1.7516, 48.6270



188.7930, -2.3629, 58.0635



206.7960, -17.1544, 42.2749



119.2290, -0.6059, 7.6922



63.3790, -4.1308, 111.9236

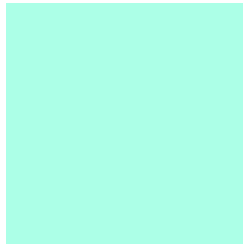


21.1880, -1.5717, 37.5461



# Previews

## White Background



This preview shows how the YUV color 227.4470, 1.7516, -48.6270 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

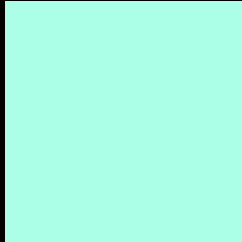
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 227.4470, 1.7516, -48.6270 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

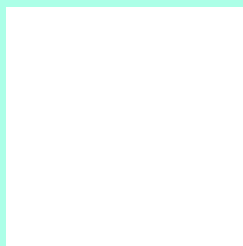
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 227.4470, 1.7516, -48.6270

## Background



This preview shows how black text looks on a background with the YUV color 227.4470, 1.7516, -48.6270.



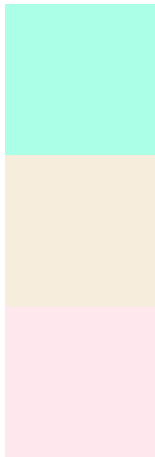
This preview shows how white text looks on a background with the YUV color 227.4470, 1.7516, -48.6270.

-48.6270.

# 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

227.4470, 1.7516, -48.6270

### Protanopia

237.8670, -8.3154, 7.1326

### Deuteranopia

239.4470, -1.2064, 13.6400



## Tritanopia

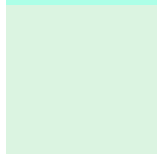
235.0880, 9.8166, -22.0022

# Trichromacy



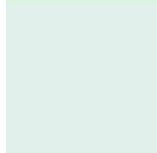
## Original Color

227.4470, 1.7516, -48.6270



## Protanomaly

234.3590, -4.6140, -13.4698



## Deuteranomaly

234.9450, 0.0271, -8.7218



## Tritanomaly

232.2240, 6.7916, -31.7684

# Monochromacy



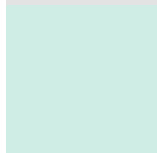
## Original Color

227.4470, 1.7516, -48.6270



## Achromatopsia

227.0000, 0.0000, 0.0000



## Achromatomaly

227.0040, 0.4910, -17.5435

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 227.4470, 1.7516, -48.6270 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(172, 255, 231)` looks like.

```
.text, #text, p{  
    color:rgb(172, 255, 231)  
}
```

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(172, 255, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 255, 231) }
```

## Border

The CSS property to change the border of an element to YUV 227.4470, 1.7516, -48.6270 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(172, 255, 231) }
```



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

```
.border{ border-color:rgb(172, 255, 231) }
```

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

Here you see how a box with a 4 pixel rgb(172, 255, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 255, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 255, 231);  
box-shadow:4px 4px 4px 4px rgb(172, 255,  
231) }
```

# Background

The CSS property to change the background color of an element to YUV 227.4470, 1.7516, -48.6270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 255, 231) }
```

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

```
.background{ background-color: rgb(172,  
255, 231) }
```

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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