

# Converting Colors

YUV(221.6440, 16.4445,  
-47.9228)

Have a look what the booklet for  
YUV(221.6440, 16.4445, -47.9228)  
contains.

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# Color

**YUV(221.6440, 16.4445,  
-47.9228)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7F3FF
RGB	167, 243, 255
RGB Percent	65%, 95%, 100%
CMY	0.3451, 0.0471, 0.0000
CMYK	0.35, 0.05, 0.00, 0.00
HSL	188°, 100%, 83%
HSV	188°, 35%, 100%
XYZ	66.0369, 79.5367, 106.4793
YIQ	221.6440, -49.1480, -12.3800

# Conversions

## Conversions Part 2

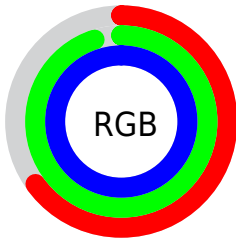
<b>Format</b>	<b>Color</b>
<b>RYB</b>	167, 208, 255
Decimal	11006975
CIELab	91.48, -20.41, -13.21
CIElCh	91, 24.318, 212.912
Yxy	79.5367, 0.2620, 0.3156
Android (android.graphics.Color)	4289197055 (0xFFA7F3FF)
YUV	221.6440, 16.4445, -47.9228
Hunter-Lab	89.1833, -23.8982, -8.3602

# Details

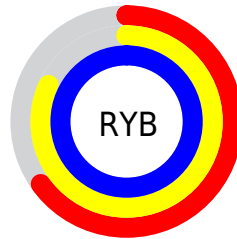
The YUV color  $221.6440, 16.4445, -47.9228$  is a light color, and the websafe version is hex  $99FFFF$ . A complement of this color would be  $200.3560, -16.4445, 47.9228$ , and the grayscale version is  $222.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $246.0300, 4.4222, -18.4433$ , and  $165.5300, 16.0077, -47.8228$  is the 20% darker color. If you saturate the color by 10%, you get  $212.4080, 20.9979, -61.7478$ , and if you desaturate by 10%, it is  $231.1790, 11.7438, -33.4830$ .

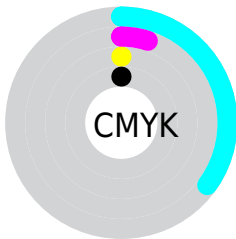
# Distribution



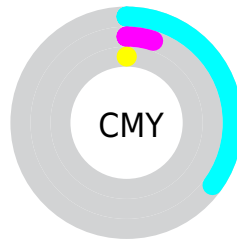
- Red (65%)
- Green (95%)
- Blue (100%)



- Red (65%)
- Yellow (82%)
- Blue (100%)



- Cyan (35%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (5%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 221.6440, 16.4445, -47.9228 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 221.6440, 16.4445, -47.9228 by changing the saturation by 10% instead.



221.6440, 16.4445,  
-47.9228

221.6440, 16.4445,  
-47.9228

255.0000, 0.0000,  
0.0000

193.5300, 16.0077,  
-47.8228

246.0300, 4.4222,  
-18.4433

165.5300, 16.0077,  
-47.8228

254.7010, 0.1474,  
-0.6148

138.2310, 16.1551,  
-48.4376

110.7470, 16.8867,  
-49.7671

82.6430, 17.9240,  
-55.8149

59.4370, 17.0396,  
-52.1262

43.3140, 13.6492,

-37.9864

■ 27.7780, 9.9694,  
-24.3613

■ 10.2360, 8.7577,  
-8.9770

■ 221.6440, 16.4445,  
-47.9228

■ 221.6440, 16.4445,  
-47.9228

■ 212.4080, 20.9979,  
-61.7478

■ 231.1790, 11.7438,  
-33.4830

■ 202.2860, 25.9880,  
-75.6728

■ 241.0020, 6.9010,  
-20.1728

■ 193.0500, 30.5414,  
-89.4978

■ 250.5370, 2.2003,  
-5.7329

■ 182.9280, 35.5315,  
-103.4229

■ 255.0000, 0.0000,  
0.0000

■ 173.6920, 40.0848,  
-117.2479

■ 163.5700, 45.0750,  
-131.1729

■ 158.2100, 47.7175,  
-138.7502

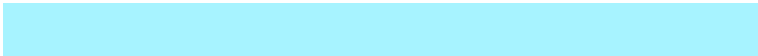
# Harmonies

## Analogous

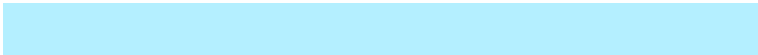
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221.7020, 5.0769, -41.8347



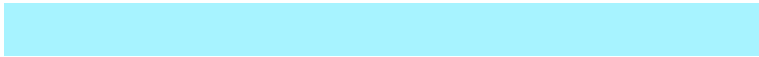
221.6440, 16.4445, -47.9228



223.1830, 15.6858, -37.8715

# Triad

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



221.6440, 16.4445, -47.9228



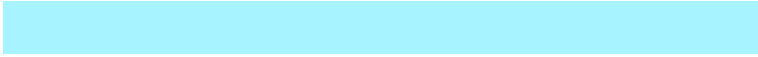
232.3520, 9.6865, 19.8623



229.5400, -22.4512, 14.4354

# Complementary

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



221.6440, 16.4445, -47.9228



200.3560, -16.4445, 47.9228

# 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.



228.2190, -18.8420, 23.4869



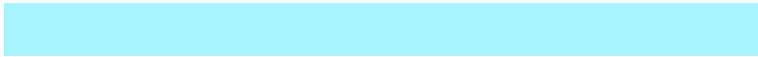
221.6440, 16.4445, -47.9228



227.9690, 0.5083, 23.7062

# Square

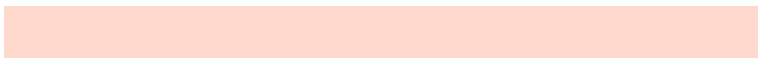
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.6440, 16.4445, -47.9228



231.7200, 11.4770, 5.5076



226.5210, -10.1169, 24.9761



226.6730, -17.5868, -5.8522

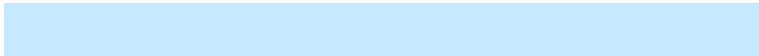


# Rectangle

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



221.6440, 16.4445, -47.9228



225.3310, 14.6268, -24.8463



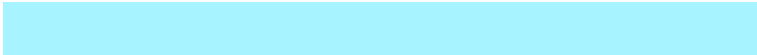
226.5210, -10.1169, 24.9761



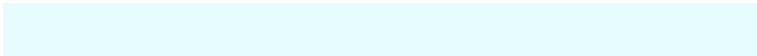
230.2850, -22.3255, 20.7981

# Sweetspot

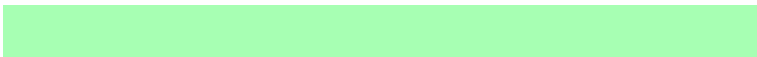
The Sweet Spot groups the original color and five complimentary colors.



221.6440, 16.4445, -47.9228



245.7640, 4.5533, -13.8250



220.0240, -20.2248, -46.5020



121.4550, 3.2267, -8.2920



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.



221.6440, 16.4445, -47.9228



215.3870, 19.5292, -57.3444



195.8160, 29.1777, -25.2716



122.9390, 2.4951, -6.9625



118.6290, 35.6789, -104.0376



39.5810, 12.0386, -34.7125



# Inverse Universe

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



201.9760, 20.2248, 46.5020



191.7690, 24.2709, 55.4536



226.1840, -29.1777, 25.2716



120.1410, 2.8885, 6.8923



75.9190, 43.9169, 100.9260

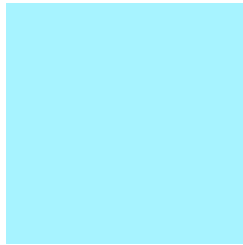


25.4060, 14.5898, 33.8469



# Previews

## White Background



This preview shows how the YUV color 221.6440, 16.4445, -47.9228 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

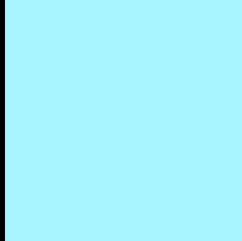
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 221.6440, 16.4445, -47.9228 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

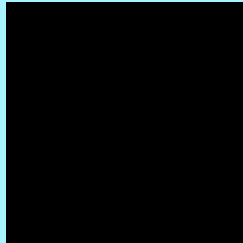
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 221.6440, 16.4445, -47.9228

## Background



This preview shows how black text looks on a background with the YUV color 221.6440, 16.4445, -47.9228.



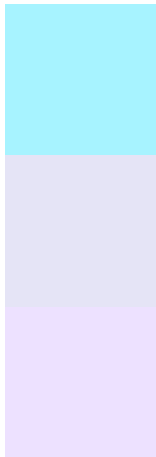
This preview shows how white text looks on a background with the YUV color 221.6440, 16.4445, -47.9228.

-47.9228.

# 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

221.6440, 16.4445, -47.9228

### Protanopia

230.3510, 7.7150, -1.1848

### Deuteranopia

232.0080, 11.3351, 4.3780



## Tritanopia

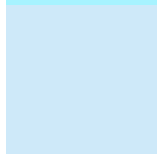
224.3790, 15.0962, -35.4124

# Trichromacy



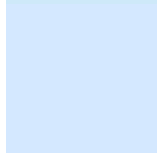
## Original Color

221.6440, 16.4445, -47.9228



## Protanomaly

226.7510, 10.9688, -18.1986



## Deuteranomaly

228.6420, 12.9945, -14.5950



## Tritanomaly

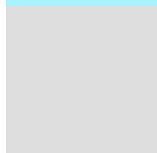
223.1720, 15.6912, -39.6158

# Monochromacy



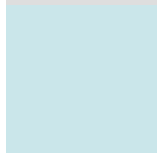
## Original Color

221.6440, 16.4445, -47.9228



## Achromatopsia

222.0000, 0.0000, 0.0000



## Achromatomaly

222.0840, 5.8746, -17.6137

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 221.6440, 16.4445, -47.9228 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(167, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(167, 243, 255)  
}
```

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(167, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 243, 255) }
```

## Border

The CSS property to change the border of an element to YUV 221.6440, 16.4445, -47.9228 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(167, 243, 255) }
```



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

```
.border{ border-color:rgb(167, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(167, 243,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 221.6440, 16.4445, -47.9228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 243, 255) }
```

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

```
.background{ background-color: rgb(167,  
243, 255) }
```

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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