

# Converting Colors

YUV(224.6510, 12.4971,  
-41.7899)

Have a look what the booklet for  
YUV(224.6510, 12.4971, -41.7899)  
contains.

<b>YUV(224.6510, 12.4971, -41.7899)</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(224.6510, 12.4971,  
-41.7899)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1F4FA
RGB	177, 244, 250
RGB Percent	69%, 96%, 98%
CMY	0.3059, 0.0431, 0.0196
CMYK	0.29, 0.02, 0.00, 0.02
HSL	185°, 88%, 84%
HSV	185°, 29%, 98%
XYZ	67.7375, 80.9506, 102.4974
YIQ	224.6510, -41.8580, -12.3380

# Conversions

## Conversions Part 2

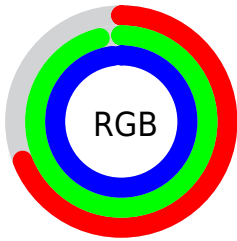
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 212, 250
Decimal	11662586
CIELab	92.11, -19.37, -9.62
CIELCh	92, 21.630, 206.394
Yxy	80.9506, 0.2697, 0.3223
Android (android.graphics.Color)	4289852666 (0xFFB1F4FA)
YUV	224.6510, 12.4971, -41.7899
Hunter-Lab	89.9726, -23.0650, -4.5628

# Details

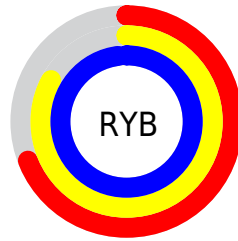
The YUV color **224.6510, 12.4971, -41.7899** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **202.3490, -12.4971, 41.7899**, and the grayscale version is **225.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.7210, 3.0955, -12.9103**, and **168.9500, 12.3497, -41.1751** is the 20% darker color. If you saturate the color by 10%, you get **216.0020, 16.7610, -56.1298**, and if you desaturate by 10%, it is **233.3000, 8.2331, -27.4501**.

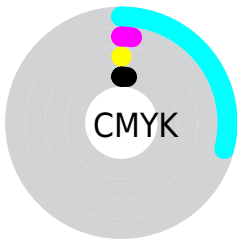
# Distribution



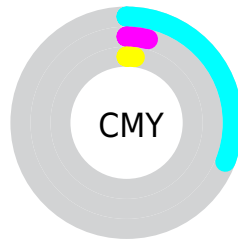
- Red (69%)
- Green (96%)
- Blue (98%)



- Red (69%)
- Yellow (83%)
- Blue (98%)



- Cyan (29%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (31%)
- Magenta (4%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 224.6510, 12.4971, -41.7899 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 224.6510, 12.4971, -41.7899 by changing the saturation by 10% instead.



224.6510, 12.4971,  
-41.7899

224.6510, 12.4971,  
-41.7899

255.0000, 0.0000,  
0.0000

196.5370, 12.0603,  
-41.6899

248.7210, 3.0955,  
-12.9103

168.9500, 12.3497,  
-41.1751

141.8360, 11.9129,  
-41.0752

114.9500, 12.3496,  
-41.1752

89.0530, 12.7919,  
-43.0195

59.8670, 14.8556,  
-51.6264

43.4450, 11.6126,

-38.1013

■ 28.0230, 8.3697,  
-24.5762

■ 11.5410, 6.1423,  
-10.1215

■ 224.6510, 12.4971,  
-41.7899

■ 224.6510, 12.4971,  
-41.7899

■ 216.0020, 16.7610,  
-56.1298

■ 233.3000, 8.2331,  
-27.4501

■ 207.3530, 21.0250,  
-70.4696

■ 241.9490, 3.9691,  
-13.1103

■ 198.7040, 25.2889,  
-84.8094

■ 250.5980, -0.2948,  
1.2296

■ 190.0550, 29.5529,  
-99.1492

■ 252.6690, -1.3158,  
2.0443

■ 181.4060, 33.8168,  
-113.4891

■ 253.8430, -1.8946,  
1.0147

■ 172.7570, 38.0808,  
-127.8289

■ 254.4300, -2.1840,  
0.4999

■ 164.1080, 42.3448,  
-142.1687

■ 162.9230, 42.9290,  
-142.8835

# Harmonies

## Analogous

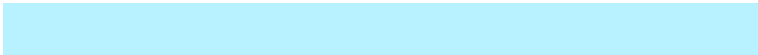
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.9480, 1.9976, -34.1574



224.6510, 12.4971, -41.7899



225.5530, 14.5174, -36.4420

# Triad

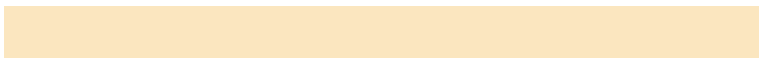
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224.6510, 12.4971, -41.7899



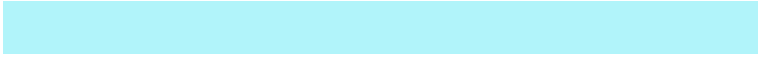
235.6290, 9.5499, 16.9884



231.8330, -20.1307, 16.8095

# Complementary

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



224.6510, 12.4971, -41.7899



202.3490, -12.4971, 41.7899

# 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.



229.7180, -15.6370, 22.1723



224.6510, 12.4971, -41.7899



231.1150, 2.4083, 20.9471

# Square

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



224.6510, 12.4971, -41.7899



232.5730, 11.0565, 0.3745



229.3080, -7.0538, 22.5319



229.8200, -17.1663, -0.7191

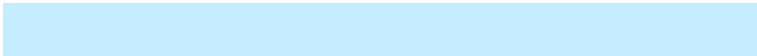


# Rectangle

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



224.6510, 12.4971, -41.7899



227.3910, 13.6112, -25.7759



229.3080, -7.0538, 22.5319



231.9690, -19.7047, 20.1982

# Sweetspot

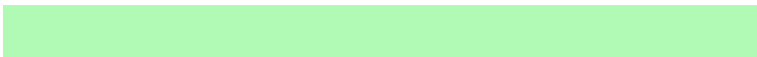
The Sweet Spot groups the original color and five complimentary colors.



224.6510, 12.4971, -41.7899



246.9490, 3.9691, -13.1103



220.4210, -18.9416, -38.0802



122.3410, 2.7899, -8.1921



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.



224.6510, 12.4971, -41.7899



224.2800, 15.1450, -51.1116



204.1060, 22.6257, -23.7720



120.5260, 2.2057, -7.4773



123.0970, 32.4902, -107.9561



39.8260, 10.4388, -34.9274



# Inverse Universe

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



206.4650, 18.5048, 38.1802



201.9590, 22.6982, 46.5170



222.8940, -22.6257, 23.7720



117.2550, 3.3253, 6.7924



76.2330, 47.7061, 98.8967

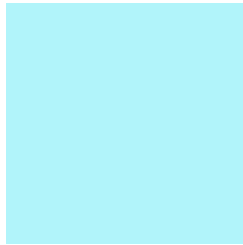


24.6230, 15.4689, 31.9026



# Previews

## White Background



This preview shows how the YUV color 224.6510, 12.4971, -41.7899 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

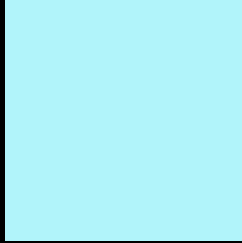
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 224.6510, 12.4971, -41.7899 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

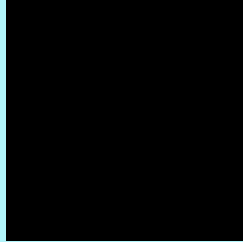
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 224.6510, 12.4971, -41.7899

## Background



This preview shows how black text looks on a background with the YUV color 224.6510, 12.4971, -41.7899.



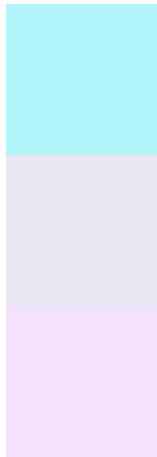
This preview shows how white text looks on a background with the YUV color 224.6510, 12.4971, -41.7899.

-41.7899.

# 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

224.6510, 12.4971, -41.7899

### Protanopia

232.2650, 4.7994, 0.6446

### Deuteranopia

233.9870, 9.8664, 8.7814



## Tritanopia

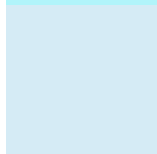
227.6570, 13.4801, -30.3942

# Trichromacy



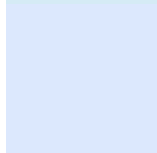
## Original Color

224.6510, 12.4971, -41.7899



## Protanomaly

229.5620, 7.6109, -14.5249



## Deuteranomaly

230.8060, 10.9416, -9.4769



## Tritanomaly

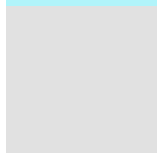
226.2220, 13.2016, -34.3977

# Monochromacy



## Original Color

224.6510, 12.4971, -41.7899



## Achromatopsia

225.0000, 0.0000, 0.0000



## Achromatomaly

225.0520, 4.4114, -14.9546

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 224.6510, 12.4971, -41.7899 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(177, 244, 250)` looks like.

```
.text, #text, p{  
    color:rgb(177, 244, 250)  
}
```

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(177, 244, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 244, 250) }
```

## Border

The CSS property to change the border of an element to YUV 224.6510, 12.4971, -41.7899 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(177, 244, 250) }
```



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

```
.border{ border-color:rgb(177, 244, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 244, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 244, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 244, 250);  
box-shadow:4px 4px 4px 4px rgb(177, 244,  
250) }
```

# Background

The CSS property to change the background color of an element to YUV 224.6510, 12.4971, -41.7899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 244, 250) }
```

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

```
.background{ background-color: rgb(177,  
244, 250) }
```

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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