

# Converting Colors

YUV(224.5110, 15.0311,  
-14.4801)

Have a look what the booklet for  
YUV(224.5110, 15.0311, -14.4801)  
contains.

<b>YUV(224.5110, 15.0311, -14.4801)</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(224.5110, 15.0311,  
-14.4801)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0E3FF
RGB	208, 227, 255
RGB Percent	82%, 89%, 100%
CMY	0.1843, 0.1098, 0.0000
CMYK	0.18, 0.11, 0.00, 0.00
HSL	216°, 100%, 91%
HSV	216°, 18%, 100%
XYZ	71.5315, 75.5681, 105.4237
YIQ	224.5110, -20.3120, 4.6800

# Conversions

## Conversions Part 2

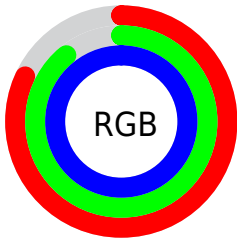
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	208, 222, 255
Decimal	13689855
CIE Lab	89.66, -0.62, -15.69
CIE LCh	90, 15.702, 267.731
Yxy	75.5681, 0.2833, 0.2993
Android (android.graphics.Color)	4291879935 (0xFFD0E3FF)
YUV	224.5110, 15.0311, -14.4801
Hunter-Lab	86.9299, -5.2460, -11.0527

# Details

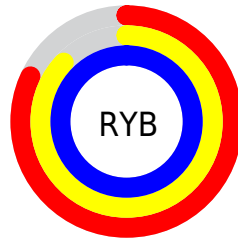
The YUV color  $224.5110, 15.0311, -14.4801$  is a light color, and the websafe version is hex  $CCCCFF$ . A complement of this color would be  $238.4890, -15.0311, 14.4801$ , and the grayscale version is  $224.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $169.2830, 14.1575, -14.2802$  is the 20% darker color. If you saturate the color by 10%, you get  $207.9320, 23.2045, -22.7424$ , and if you desaturate by 10%, it is  $241.0900, 6.8576, -6.2179$ .

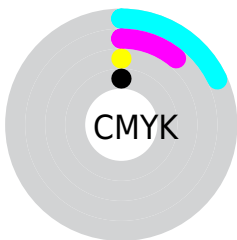
# Distribution



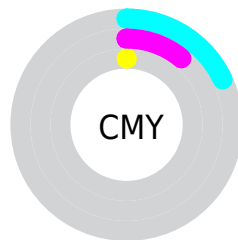
- Red (82%)
- Green (89%)
- Blue (100%)



- Red (82%)
- Yellow (87%)
- Blue (100%)



- Cyan (18%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (11%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 224.5110, 15.0311, -14.4801 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 224.5110, 15.0311, -14.4801 by changing the saturation by 10% instead.



■ 224.5110, 15.0311,  
-14.4801

■ 224.5110, 15.0311,  
-14.4801

255.0000, 0.0000,  
0.0000

■ 196.3970, 14.5943,  
-14.3802

■ 169.2830, 14.1575,  
-14.2802

■ 142.5820, 14.0101,  
-13.6654

■ 117.0550, 13.2839,  
-14.0802

■ 92.3540, 13.1365,  
-13.4655

■ 68.2400, 12.6997,  
-13.3655

■ 45.4140, 12.1209,

-14.3951

■ 23.4030, 12.1263,  
-16.1394

■ 3.6650, 11.5042,  
-3.2142

■ 224.5110, 15.0311,  
-14.4801

■ 224.5110, 15.0311,  
-14.4801

■ 207.9320, 23.2045,  
-22.7424

■ 241.0900, 6.8576,  
-6.2179

■ 191.6520, 31.2306,  
-30.3898

255.0000, 0.0000,  
0.0000

■ 174.7850, 39.5460,  
-37.5224

■ 158.2060, 47.7194,  
-45.7847

■ 141.9260, 55.7455,  
-53.4321

■ 125.3470, 63.9189,  
-61.6943

■ 108.7680, 72.0924,  
-69.9565

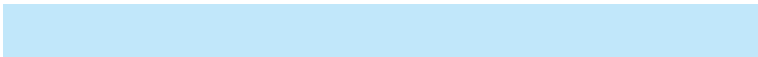
■ 91.9010, 80.4078,  
-77.0892

■ 89.5310, 81.5762,  
-78.5187

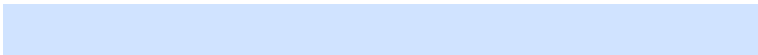
# Harmonies

## Analogous

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



221.8040, 13.9006, -25.2611



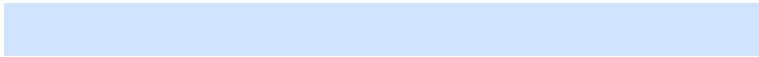
224.5110, 15.0311, -14.4801



226.9150, 12.3669, 0.0745

# Triad

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



224.5110, 15.0311, -14.4801



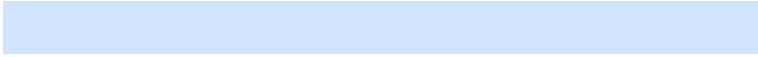
227.2050, -7.4961, 24.3762



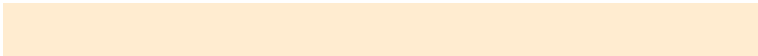
221.3050, -6.0664, -14.2995

# Complementary

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



224.5110, 15.0311, -14.4801



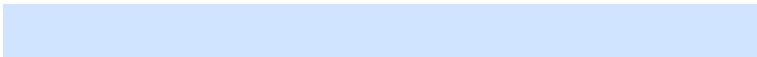
238.4890, -15.0311, 14.4801

# 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.



223.4870, -12.0721, -1.3041



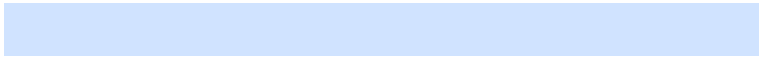
224.5110, 15.0311, -14.4801



226.8150, -12.7268, 22.0872

# Square

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



224.5110, 15.0311, -14.4801



228.3280, -0.6547, 23.3913



225.2930, -14.4414, 12.0210

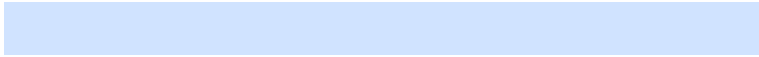


220.3020, 1.8231, -24.8209



# Rectangle

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



224.5110, 15.0311, -14.4801



228.0580, 8.8454, 9.5961



225.2930, -14.4414, 12.0210



222.0560, -8.4086, -9.6961

# Sweetspot

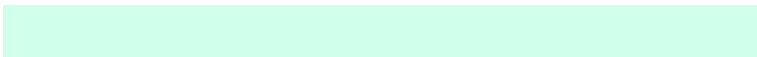
The Sweet Spot groups the original color and five complimentary colors.



224.5110, 15.0311, -14.4801



245.2320, 4.8156, -4.5885



238.6670, -1.8078, -26.8950



121.7870, 3.0630, -2.4442



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.



224.5110, 15.0311, -14.4801



218.8850, 17.8047, -17.4391



214.5540, 19.9399, -2.2399



119.4170, 4.2314, -3.8737



66.9730, 61.1453, -58.7353



22.5580, 20.4309, -19.7834



# Inverse Universe

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



224.2190, 1.3710, 26.9949



218.3660, 1.7916, 32.1280



248.4460, -19.9399, 2.2399



119.4570, 0.2677, 7.4922



65.8870, 5.4787, 109.7241

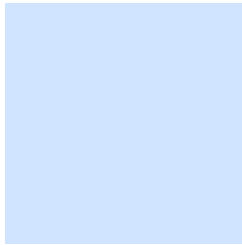


22.1000, 1.9227, 36.7463



# Previews

## White Background



This preview shows how the YUV color 224.5110, 15.0311, -14.4801 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

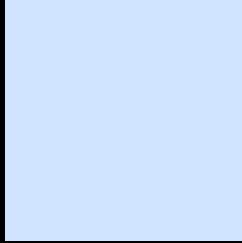
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 224.5110, 15.0311, -14.4801 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

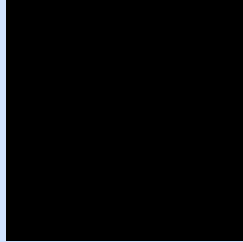
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

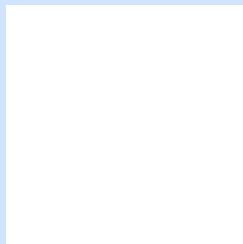
Any Text WCAG AAA ✓ Pass

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

# YUV 224.5110, 15.0311, -14.4801 Background



This preview shows how black text looks on a background with the YUV color 224.5110, 15.0311, -14.4801.



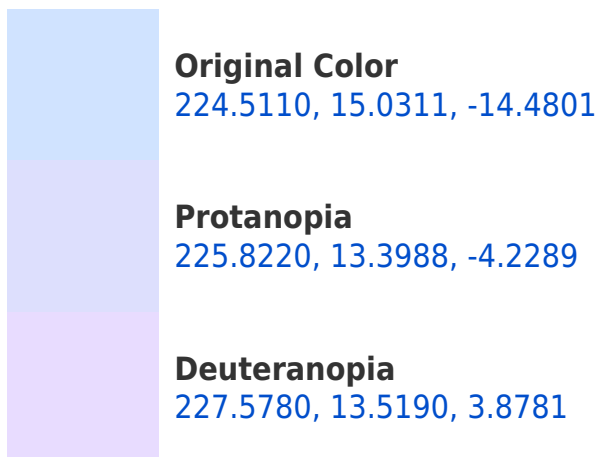
This preview shows how white text looks on a background with the YUV color 224.5110, 15.0311, -14.4801.

-14.4801.

# 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

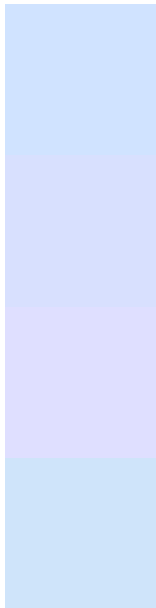




## Tritanopia

223.5880, 11.5421, -15.4247

# Trichromacy



## Original Color

224.5110, 15.0311, -14.4801

## Protanomaly

225.0280, 14.2832, -7.9176

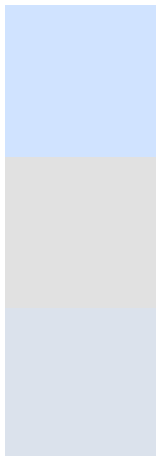
## Deuteranomaly

226.6480, 13.9775, -3.1993

## Tritanomaly

224.2290, 12.7051, -15.1098

# Monochromacy



## Original Color

224.5110, 15.0311, -14.4801

## Achromatopsia

225.0000, 0.0000, 0.0000

## Achromatomaly

225.0470, 5.3998, -5.3032

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 224.5110, 15.0311, -14.4801 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(208, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 227, 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(208, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 227, 255) }
```

## Border

The CSS property to change the border of an element to YUV 224.5110, 15.0311, -14.4801 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(208, 227, 255) }
```



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

```
.border{ border-color:rgb(208, 227, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 227,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 224.5110, 15.0311, -14.4801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 227, 255) }
```

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

```
.background{ background-color: rgb(208,  
227, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor