

# Converting Colors

YUV(224.7110, -15.1405,  
2.8845)

Have a look what the booklet for  
YUV(224.7110, -15.1405, 2.8845)  
contains.

<b>YUV(224.7110, -15.1405, 2.8845)</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(224.7110, -15.1405,  
2.8845)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4E5C2
RGB	228, 229, 194
RGB Percent	89%, 90%, 76%
CMY	0.1059, 0.1020, 0.2392
CMYK	0.00, 0.00, 0.15, 0.10
HSL	62°, 40%, 83%
HSV	62°, 15%, 90%
XYZ	69.7518, 76.4276, 62.1146
YIQ	224.7110, 10.6390, -11.0970

# Conversions

## Conversions Part 2

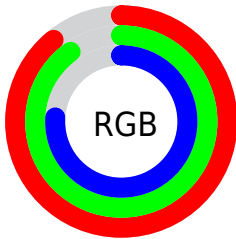
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 229, 195
Decimal	15001026
CIELab	90.06, -6.15, 16.99
CIELCh	90, 18.063, 109.890
Yxy	76.4276, 0.3349, 0.3669
Android (android.graphics.Color)	4293191106 (0xFFE4E5C2)
YUV	224.7110, -15.1405, 2.8845
Hunter-Lab	87.4229, -10.5709, 19.0700

# Details

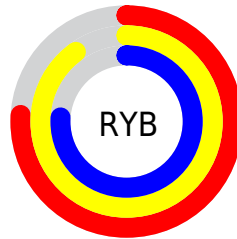
The YUV color  $224.7110, -15.1405, 2.8845$  is a light color, and the websafe version is hex  $FFFFCC$ . A complement of this color would be  $198.2890, 15.1405, -2.8845$ , and the grayscale version is  $225.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $254.5440, -1.7472, 0.3999$ , and  $169.5260, -14.5563, 2.1697$  is the 20% darker color. If you saturate the color by 10%, you get  $221.7900, -25.0395, 4.5692$ , and if you desaturate by 10%, it is  $227.6320, -5.2416, 1.1997$ .

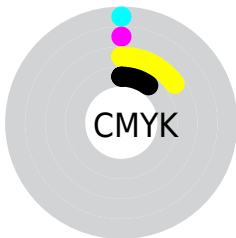
# Distribution



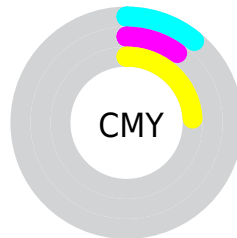
- Red (89%)
- Green (90%)
- Blue (76%)



- Red (76%)
- Yellow (90%)
- Blue (76%)



- Cyan (0%)
- Magenta (0%)
- Yellow (15%)
- Black (10%)



- Cyan (11%)
- Magenta (10%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 224.7110, -15.1405, 2.8845 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 224.7110, -15.1405, 2.8845 by changing the saturation by 10% instead.



■ 224.7110,  
-15.1405, 2.8845

■ 224.7110,  
-15.1405, 2.8845

255.0000, 0.0000,  
0.0000

■ 196.8250,  
-14.7037, 2.7845

■ 254.5440, -1.7472,  
0.3999

■ 169.5260,  
-14.5563, 2.1697

■ 143.0530,  
-13.8301, 2.5845

■ 117.1670,  
-13.3933, 2.4845

■ 92.8680, -13.2459,  
1.8698

■ 69.0960, -12.3723,  
1.6698

■ 46.3240, -11.4987,

1.4699

■ 25.3950, -12.5197,  
2.2846

■ 0.0000, 0.0000,  
0.0000

■ 224.7110,  
-15.1405, 2.8845

■ 224.7110,  
-15.1405, 2.8845

■ 221.7900,  
-25.0395, 4.5692

■ 227.6320, -5.2416,  
1.1997

■ 219.1680,  
-35.0858, 6.8687

■ 230.2540, 4.8048,  
-1.0998

■ 216.2470,  
-44.9848, 8.5534

■ 232.2630, 11.2093,  
-1.9847

■ 213.3260,  
-54.8837, 10.2381

■ 232.5620, 11.0619,  
-1.3699

■ 210.7040,  
-64.9301, 12.5376

■ 232.8610, 10.9145,  
-0.7551

■ 207.8970,  
-74.3922, 14.1223

■ 233.1600, 10.7671,  
-0.1403

■ 204.9760,  
-84.2912, 15.8070

■ 233.4590, 10.6197,  
0.4745

■ 202.3540,  
-94.3375, 18.1065

■ 200.8010,  
-98.9949, 18.5915

# Harmonies

## Analogous

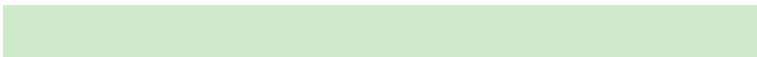
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.4570, -16.4943, 17.1392



224.7110, -15.1405, 2.8845



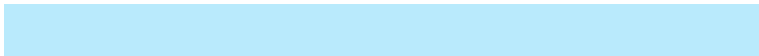
222.8060, -9.2714, -12.9849

# Triad

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



224.7110, -15.1405, 2.8845



221.4010, 15.0853, -31.9237



229.0120, 1.9661, 22.7915

# Complementary

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



224.7110, -15.1405, 2.8845



198.2890, 15.1405, -2.8845

# Split Complementary

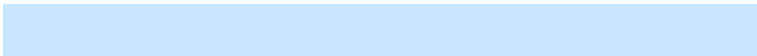
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.5960, 9.5662, 11.7553



224.7110, -15.1405, 2.8845



224.1790, 15.1948, -20.3280

# Square

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



224.7110, -15.1405, 2.8845



220.6690, 8.5442, -33.9127



226.9360, 13.8356, -4.3289



226.9600, -5.8963, 24.5911



# Rectangle

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



224.7110, -15.1405, 2.8845



221.5320, -3.7133, -22.3916



226.9360, 13.8356, -4.3289



229.9840, 4.4449, 21.0620

# Sweetspot

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



224.7110, -15.1405, 2.8845



253.5180, -5.6784, 1.2997



205.0520, -5.4486, 21.0024



126.7890, -3.3470, 0.1850



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

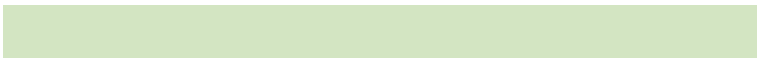
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224.7110, -15.1405, 2.8845



249.4570, -19.9453, 3.9842



219.6280, -12.6346, -7.5668



113.3330, -5.0942, 0.5850



156.8000, -77.3024, 14.2074



44.8870, -22.1293, 4.4841



# Inverse Universe

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



198.2890, 15.1405, -2.8845



214.5430, 19.9453, -3.9842



203.3720, 12.6346, 7.5668



104.6670, 5.0942, -0.5850



21.9010, 77.4498, -14.8222

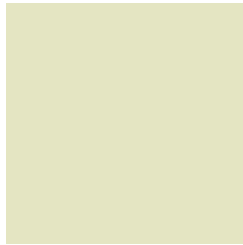


6.1130, 22.1293, -4.4841



# Previews

## White Background



This preview shows how the YUV color 224.7110, -15.1405, 2.8845 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

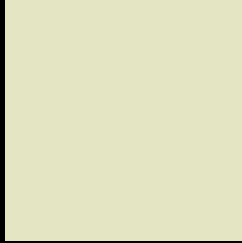
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 224.7110, -15.1405, 2.8845 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

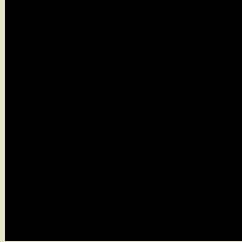
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

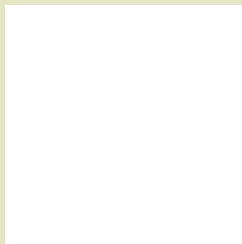
Any Text WCAG AAA ✓ Pass

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

# YUV 224.7110, -15.1405, 2.8845 Background



This preview shows how black text looks on a background with the YUV color 224.7110, -15.1405, 2.8845.



This preview shows how white text looks on a background with the YUV color 224.7110, -15.1405,

2.8845.

# 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

224.7110, -15.1405, 2.8845

### Protanopia

225.7120, -16.6200, 10.7766

### Deuteranopia

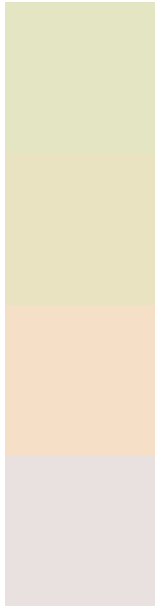
227.7120, -13.1690, 23.9316



## Tritanopia

228.2270, 5.8041, 5.0629

# Trichromacy



## Original Color

224.7110, -15.1405, 2.8845

## Protanomaly

225.2170, -15.8830, 7.7027

## Deuteranomaly

226.7280, -14.1629, 16.0245

## Tritanomaly

226.8650, -1.9054, 4.5034

# Monochromacy



## Original Color

224.7110, -15.1405, 2.8845

## Achromatopsia

225.0000, 0.0000, 0.0000

## Achromatomaly

224.6320, -5.2416, 1.1997

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 224.7110, -15.1405, 2.8845 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(228, 229, 194)` looks like.

```
.text, #text, p{  
    color:rgb(228, 229, 194)  
}
```

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(228, 229, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 229, 194) }
```

## Border

The CSS property to change the border of an element to YUV 224.7110, -15.1405, 2.8845 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(228, 229, 194) }
```



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

```
.border{ border-color:rgb(228, 229, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 229, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 229, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 229, 194);  
box-shadow:4px 4px 4px 4px rgb(228, 229,  
194) }
```

# Background

The CSS property to change the background color of an element to YUV 224.7110, -15.1405, 2.8845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 229, 194) }
```

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

```
.background{ background-color: rgb(228,  
229, 194) }
```

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