

# Converting Colors

YUV(221.2040, 3.8434,  
-19.4729)

Have a look what the booklet for  
YUV(221.2040, 3.8434, -19.4729)  
contains.

<b>YUV(221.2040, 3.8434, -19.4729)</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(221.2040, 3.8434,  
-19.4729)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7E7E5
RGB	199, 231, 229
RGB Percent	78%, 91%, 90%
CMY	0.2196, 0.0941, 0.1020
CMYK	0.14, 0.00, 0.01, 0.09
HSL	176°, 40%, 84%
HSV	176°, 14%, 91%
XYZ	66.2720, 74.9511, 85.1028
YIQ	221.2040, -18.4300, -7.4060

# Conversions

## Conversions Part 2

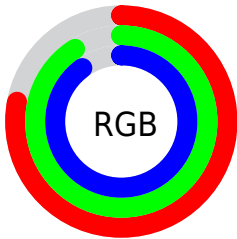
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	199, 216, 231
Decimal	13101029
CIE Lab	89.37, -10.81, -2.56
CIE LCh	89, 11.109, 193.305
Yxy	74.9511, 0.2928, 0.3312
Android (android.graphics.Color)	4291291109 (0xFFC7E7E5)
YUV	221.2040, 3.8434, -19.4729
Hunter-Lab	86.5743, -14.8646, 2.3197

# Details

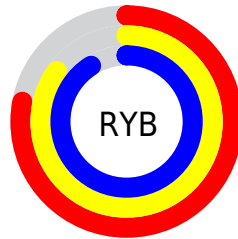
The YUV color  $221.2040, 3.8434, -19.4729$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $208.7960, -3.8434, 19.4729$ , and the grayscale version is  $221.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $165.9160, 3.9854, -18.3433$  is the 20% darker color. If you saturate the color by 10%, you get  $214.2130, 6.7970, -33.5128$ , and if you desaturate by 10%, it is  $228.1950, 0.8899, -5.4330$ .

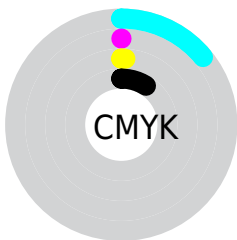
# Distribution



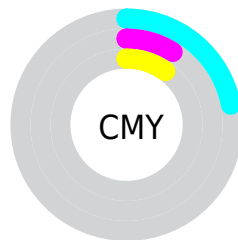
- Red (78%)
- Green (91%)
- Blue (90%)



- Red (78%)
- Yellow (85%)
- Blue (91%)



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (22%)
- Magenta (9%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 221.2040, 3.8434, -19.4729 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 221.2040, 3.8434, -19.4729 by changing the saturation by 10% instead.



■ 221.2040, 3.8434,  
-19.4729

■ 221.2040, 3.8434,  
-19.4729

255.0000, 0.0000,  
0.0000

■ 193.5030, 3.6960,  
-18.8581

■ 165.9160, 3.9854,  
-18.3433

■ 139.8020, 3.5486,  
-18.2434

■ 114.1010, 3.4012,  
-17.6286

■ 89.5140, 3.6906,  
-17.1138

■ 65.5140, 3.6906,  
-17.1138

■ 42.8130, 3.5432,

-16.4990

■ 21.5140, 3.6906,  
-17.1138

■ 0.4560, 1.7472,  
-0.3999

■ 221.2040, 3.8434,  
-19.4729

■ 221.2040, 3.8434,  
-19.4729

■ 214.2130, 6.7970,  
-33.5128

■ 228.1950, 0.8899,  
-5.4330

■ 207.1080, 9.3138,  
-47.4527

■ 235.3000, -1.6269,  
8.5069

■ 200.1170, 12.2673,  
-61.4926

■ 238.4040, -2.6642,  
14.5547

■ 193.0120, 14.7841,  
-75.4325

■ 238.6320, -1.7906,  
14.3547

■ 186.0210, 17.7376,  
-89.4724

■ 238.7460, -1.3538,  
14.2548

■ 178.6170, 20.4018,  
-104.0271

■ 238.9740, -0.4802,  
14.0548

■ 171.6260, 23.3554,  
-118.0670

■ 239.0880, -0.0434,  
13.9548

■ 164.5210, 25.8721,  
-132.0069

■ 239.3160, 0.8302,  
13.7549

■ 160.3350, 27.9358,  
-140.6138

■ 239.4300, 1.2670,  
13.6549

# Harmonies

## Analogous

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



221.7440, -1.8458, -14.6845



221.2040, 3.8434, -19.4729



222.0560, 8.3534, -19.3431

# Triad

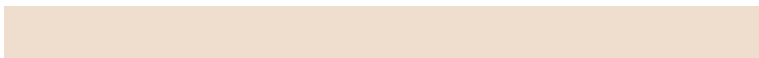
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221.2040, 3.8434, -19.4729



225.8680, 6.9671, 5.3778



225.1450, -9.9315, 12.1508

# Complementary

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



221.2040, 3.8434, -19.4729



208.7960, -3.8434, 19.4729

# 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.



226.0470, -7.9112, 17.4988



221.2040, 3.8434, -19.4729



226.9570, 1.9932, 14.0697

# Square

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



221.2040, 3.8434, -19.4729



224.8990, 9.9098, -5.1734



227.1980, -3.5486, 18.2434



223.5030, -9.6150, 3.9439



# Rectangle

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



221.2040, 3.8434, -19.4729



222.5340, 10.0897, -16.2543



227.1980, -3.5486, 18.2434



225.5690, -9.6475, 14.4100

# Sweetspot

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



221.2040, 3.8434, -19.4729



251.8960, 1.0373, -6.0478



218.3820, -9.5553, -15.2440



125.7930, 0.5951, -4.2035



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

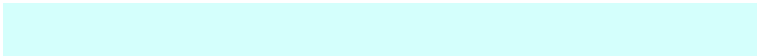


# Same Dimension

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



221.2040, 3.8434, -19.4729



241.8010, 5.0281, -26.1355



213.2140, 8.7685, -12.4657



111.2980, 1.3321, -7.2773



124.1110, 21.1443, -108.8453



35.4090, 6.2074, -31.0537



# Inverse Universe

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



208.7960, -3.8434, 19.4729



225.0850, -5.4649, 26.2355



216.7860, -8.7685, 12.4657



106.7020, -1.3321, 7.2773



54.7750, -21.5811, 108.9453

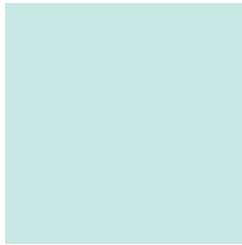


15.5910, -6.2074, 31.0537



# Previews

## White Background



This preview shows how the YUV color 221.2040, 3.8434, -19.4729 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

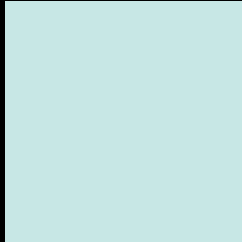
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 221.2040, 3.8434, -19.4729 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

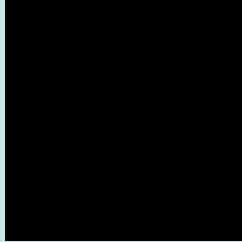
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

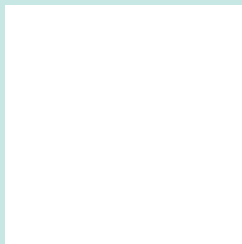
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 221.2040, 3.8434, -19.4729

## Background



This preview shows how black text looks on a background with the YUV color 221.2040, 3.8434, -19.4729.



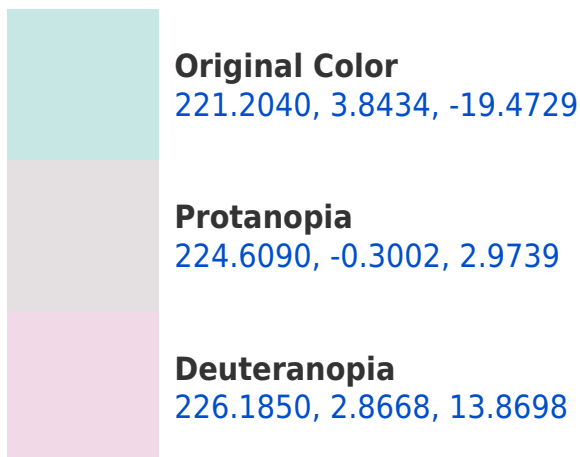
This preview shows how white text looks on a background with the YUV color 221.2040, 3.8434,

-19.4729.

# 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

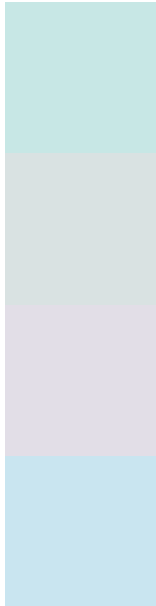




## Tritanopia

222.2780, 11.6949, -17.7838

# Trichromacy



## Original Color

221.2040, 3.8434, -19.4729

## Protanomaly

223.3090, 1.3267, -5.5330

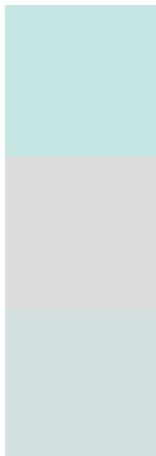
## Deuteranomaly

224.2220, 3.3416, 1.5593

## Tritanomaly

221.8820, 8.9322, -18.3135

# Monochromacy



## Original Color

221.2040, 3.8434, -19.4729

## Achromatopsia

221.0000, 0.0000, 0.0000

## Achromatomaly

221.2980, 1.3321, -7.2773

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 221.2040, 3.8434, -19.4729 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(199, 231, 229)` looks like.

```
.text, #text, p{  
    color:rgb(199, 231, 229)  
}
```

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(199, 231, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 231, 229) }
```

## Border

The CSS property to change the border of an element to YUV 221.2040, 3.8434, -19.4729 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(199, 231, 229) }
```



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

```
.border{ border-color:rgb(199, 231, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 231, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 231, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 231, 229);  
box-shadow:4px 4px 4px 4px rgb(199, 231,  
229) }
```

# Background

The CSS property to change the background color of an element to YUV 221.2040, 3.8434, -19.4729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 231, 229) }
```

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

```
.background{ background-color: rgb(199,  
231, 229) }
```

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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