

# Converting Colors

YUV(221.9370, 5.4541,  
-22.7467)

Have a look what the booklet for  
YUV(221.9370, 5.4541, -22.7467)  
contains.

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# Color

**YUV(221.9370, 5.4541,  
-22.7467)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4E9E9
RGB	196, 233, 233
RGB Percent	77%, 91%, 91%
CMY	0.2314, 0.0863, 0.0863
CMYK	0.16, 0.00, 0.00, 0.09
HSL	180°, 46%, 84%
HSV	180°, 16%, 91%
XYZ	66.6118, 75.8968, 88.2295
YIQ	221.9370, -22.0520, -7.8440

# Conversions

## Conversions Part 2

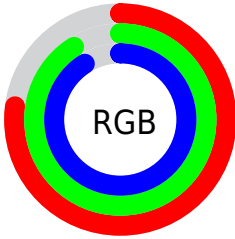
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 215, 233
Decimal	12904937
CIELab	89.81, -11.96, -4.02
CIELCh	90, 12.615, 198.604
Yxy	75.8968, 0.2887, 0.3289
Android (android.graphics.Color)	4291095017 (0xFFC4E9E9)
YUV	221.9370, 5.4541, -22.7467
Hunter-Lab	87.1188, -15.9750, 0.9372

# Details

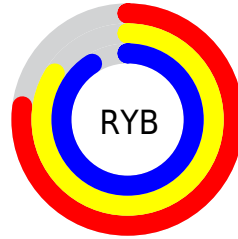
The YUV color  $221.9370, 5.4541, -22.7467$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $207.0630, -5.4541, 22.7467$ , and the grayscale version is  $222.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $254.4020, 0.2948, -1.2296$ , and  $166.5350, 5.1592, -21.5172$  is the 20% darker color. If you saturate the color by 10%, you get  $215.0600, 8.8444, -36.8866$ , and if you desaturate by 10%, it is  $228.8140, 2.0637, -8.6069$ .

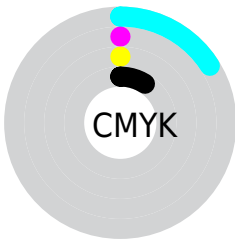
# Distribution



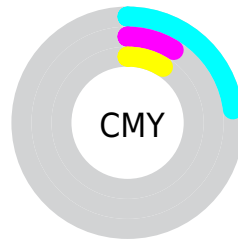
- Red (77%)
- Green (91%)
- Blue (91%)



- Red (77%)
- Yellow (84%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (23%)
- Magenta (9%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 221.9370, 5.4541, -22.7467 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 221.9370, 5.4541, -22.7467 by changing the saturation by 10% instead.



■ 221.9370, 5.4541,  
-22.7467

■ 221.9370, 5.4541,  
-22.7467

255.0000, 0.0000,  
0.0000

■ 193.9370, 5.4541,  
-22.7467

254.4020, 0.2948,  
-1.2296

■ 166.5350, 5.1592,  
-21.5172

■ 140.5350, 5.1592,  
-21.5172

■ 114.8340, 5.0118,  
-20.9024

■ 89.8340, 5.0118,  
-20.9024

■ 66.1330, 4.8644,  
-20.2876

■ 42.8340, 5.0118,

-20.9024

■ 22.4320, 4.7170,  
-19.6729

■ 1.0260, 3.9312,  
-0.8998

■ 221.9370, 5.4541,  
-22.7467

■ 221.9370, 5.4541,  
-22.7467

■ 215.0600, 8.8444,  
-36.8866

■ 228.8140, 2.0637,  
-8.6069

■ 207.8840, 12.3822,  
-51.6413

■ 235.9900, -1.4741,  
6.1478

■ 201.0070, 15.7725,  
-65.7811

■ 239.5780, -3.2430,  
13.5251

■ 194.1300, 19.1629,  
-79.9210

■ 187.2530, 22.5533,  
-94.0609

■ 180.0770, 26.0910,  
-108.8155

■ 173.2000, 29.4814,  
-122.9554

■ 166.3230, 32.8718,  
-137.0953

■ 163.3330, 34.3458,  
-143.2430

# Harmonies

## Analogous

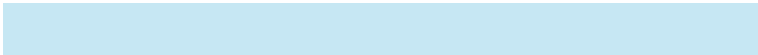
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.3630, -0.6720, -17.8584



221.9370, 5.4541, -22.7467



222.5010, 10.1060, -21.4874

# Triad

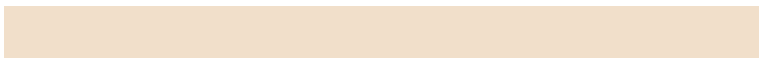
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221.9370, 5.4541, -22.7467



228.1780, 6.8142, 7.7369



225.9880, -11.8261, 13.1655

# Complementary

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



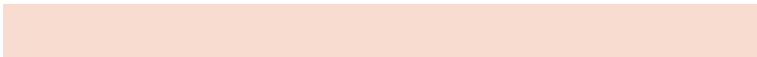
221.9370, 5.4541, -22.7467



207.0630, -5.4541, 22.7467

# 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.



227.3030, -9.5164, 19.0283



221.9370, 5.4541, -22.7467



228.4520, 1.2562, 17.1436

# Square

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



221.9370, 5.4541, -22.7467



226.5510, 11.0674, -3.1142



228.2800, -4.5750, 20.8024



224.5630, -10.6306, 3.0142

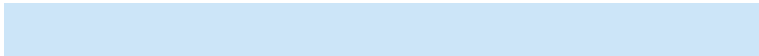


# Rectangle

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



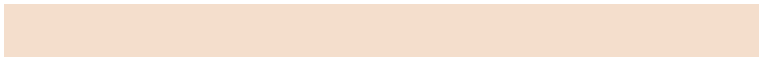
221.9370, 5.4541, -22.7467



223.6910, 11.9843, -17.2690



228.2800, -4.5750, 20.8024



226.5260, -11.1053, 15.3247

# Sweetspot

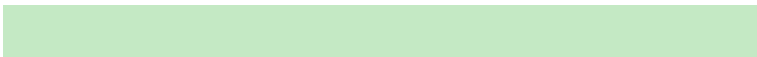
The Sweet Spot groups the original color and five complimentary colors.



221.9370, 5.4541, -22.7467



251.1130, 1.9163, -7.9921



217.7190, -10.7075, -19.0476



125.6080, 1.1793, -4.9182



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.



221.9370, 5.4541, -22.7467



240.6480, 7.0755, -29.5093



211.3710, 10.6631, -13.4804



113.7110, 1.6215, -6.7625



126.8810, 26.6807, -111.2746



37.8540, 7.9600, -33.1980



# Inverse Universe

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



211.2810, 10.7075, 19.0476



226.8240, 13.8908, 24.7104



218.2160, -10.9525, 12.9656



110.5430, 3.1833, 5.6628



74.7530, 52.3798, 93.1786

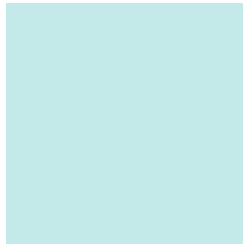


22.3020, 15.6271, 27.7991



# Previews

## White Background



This preview shows how the YUV color 221.9370, 5.4541, -22.7467 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

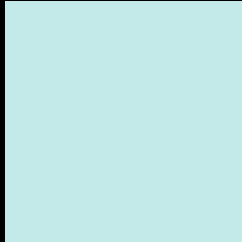
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 221.9370, 5.4541, -22.7467 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

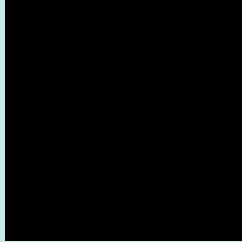
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 221.9370, 5.4541, -22.7467

## Background



This preview shows how black text looks on a background with the YUV color 221.9370, 5.4541, -22.7467.



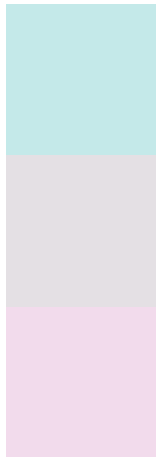
This preview shows how white text looks on a background with the YUV color 221.9370, 5.4541, -22.7467.

-22.7467.

# 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

221.9370, 5.4541, -22.7467

### Protanopia

225.6520, 1.1576, 2.0592

### Deuteranopia

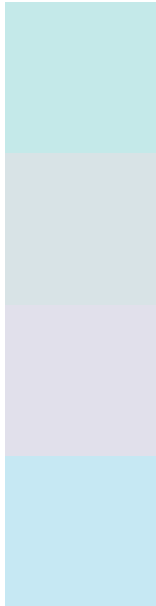
227.8150, 4.0352, 12.4402



## Tritanopia

223.4840, 12.5794, -21.4725

# Trichromacy



## Original Color

221.9370, 5.4541, -22.7467

## Protanomaly

224.0530, 2.9319, -7.0625

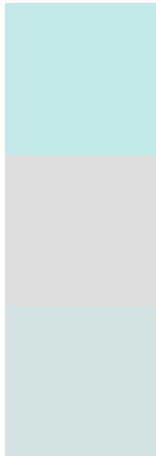
## Deuteranomaly

225.5530, 4.6574, -0.4850

## Tritanomaly

223.0880, 9.8166, -22.0022

# Monochromacy



## Original Color

221.9370, 5.4541, -22.7467

## Achromatopsia

222.0000, 0.0000, 0.0000

## Achromatomaly

222.1130, 1.9163, -7.9921

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 221.9370, 5.4541, -22.7467 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(196, 233, 233)` looks like.

```
.text, #text, p{  
    color:rgb(196, 233, 233)  
}
```

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(196, 233, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 233, 233) }
```

## Border

The CSS property to change the border of an element to YUV 221.9370, 5.4541, -22.7467 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(196, 233, 233) }
```



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

```
.border{ border-color:rgb(196, 233, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 233, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 233, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 233, 233);  
box-shadow:4px 4px 4px 4px rgb(196, 233,  
233) }
```

# Background

The CSS property to change the background color of an element to YUV 221.9370, 5.4541, -22.7467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 233, 233) }
```

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

```
.background{ background-color: rgb(196,  
233, 233) }
```

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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