

Converting Colors

YUV(221.4000, -0.1972,
-30.1688)

Have a look what the booklet for
YUV(221.4000, -0.1972, -30.1688)
contains.

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Color

**YUV(221.4000, -0.1972,
-30.1688)**

Conversions

Conversions Part 1

Format	Color
Hex	BBEFDD
RGB	187, 239, 221
RGB Percent	73%, 94%, 87%
CMY	0.2667, 0.0627, 0.1333
CMYK	0.22, 0.00, 0.08, 0.06
HSL	159°, 62%, 84%
HSV	159°, 22%, 94%
XYZ	64.4112, 77.5183, 79.9743
YIQ	221.4000, -25.2140, -16.6220

Conversions

Conversions Part 2

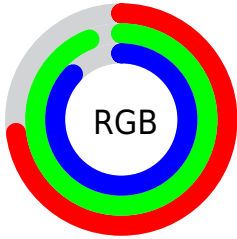
Format	Color
RYB	187, 218, 239
Decimal	12316637
CIELab	90.56, -20.13, 3.27
CIELCh	91, 20.391, 170.766
Yxy	77.5183, 0.2903, 0.3493
Android (android.graphics.Color)	4290506717 (0xFFBBEFDD)
YUV	221.4000, -0.1972, -30.1688
Hunter-Lab	88.0445, -23.4916, 7.7756

Details

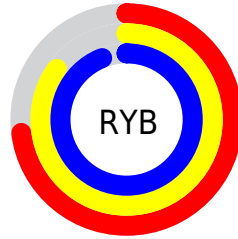
The YUV color $221.4000, -0.1972, -30.1688$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $204.6000, 0.1972, 30.1688$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.7110, 1.6215, -6.7625$, and $166.1120, -0.0552, -29.0392$ is the 20% darker color. If you saturate the color by 10%, you get $213.3120, -0.1538, -44.1236$, and if you desaturate by 10%, it is $229.4880, -0.2406, -16.2140$.

Distribution



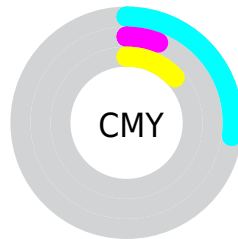
- Red (73%)
- Green (94%)
- Blue (87%)



- Red (73%)
- Yellow (85%)
- Blue (94%)



- Cyan (22%)
- Magenta (0%)
- Yellow (8%)
- Black (6%)



- Cyan (27%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.4000, -0.1972, -30.1688 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 221.4000, -0.1972, -30.1688 by changing the saturation by 10% instead.


 221.4000, -0.1972,
-30.1688

 221.4000, -0.1972,
-30.1688

255.0000, 0.0000,
0.0000


 193.6990, -0.3446,
-29.5540


 251.7110, 1.6215,
-6.7625

 166.1120, -0.0552,
-29.0392

 139.5250, 0.2342,
-28.5244

 113.8240, 0.0868,
-27.9096

 88.3510, 0.8130,
-27.4948

 64.0520, 0.9604,
-28.1096

 39.9700, 1.9868,

-30.6687

■ 23.2810, 0.3545,
-20.4174

■ 2.3480, -1.1576,
-2.0592

■ 221.4000, -0.1972,
-30.1688

■ 221.4000, -0.1972,
-30.1688

■ 213.3120, -0.1538,
-44.1236

■ 229.4880, -0.2406,
-16.2140

■ 205.1100, -0.5472,
-57.9785

■ 237.6900, 0.1528,
-2.3591

■ 197.0220, -0.5038,
-71.9333

■ 244.5820, 0.6991,
9.1366

■ 188.9340, -0.4605,
-85.8881

■ 245.4940, 4.1935,
8.3368

■ 180.8460, -0.4171,
-99.8429

■ 245.6080, 4.6303,
8.2368

■ 172.9430, -0.9579,
-113.0830

■ 164.8550, -0.9145,
-127.0378

■ 158.0770, -1.0240,
-138.6335

Harmonies

Analogous

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



223.2680, -9.9921, -15.1440



221.4000, -0.1972, -30.1688



220.6900, 10.0128, -38.3161

Triad

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



221.4000, -0.1972, -30.1688



228.1210, 13.2513, -3.6141



227.3700, -14.4794, 24.2315

Complementary

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



221.4000, -0.1972, -30.1688



204.6000, 0.1972, 30.1688

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.



226.9600, -5.8963, 24.5911



221.4000, -0.1972, -30.1688



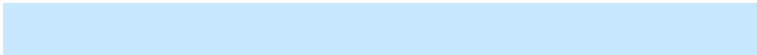
231.5470, 10.5763, 14.4293

Square

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



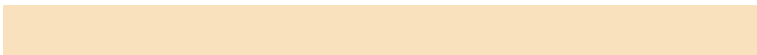
221.4000, -0.1972, -30.1688



224.7550, 14.9108, -22.5871



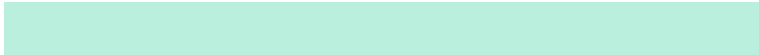
229.2400, 2.8397, 22.5915



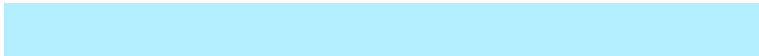
228.1860, -18.8257, 18.2539

Rectangle

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



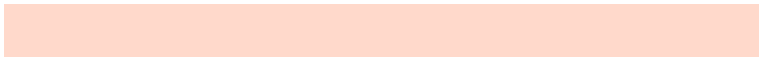
221.4000, -0.1972, -30.1688



221.7700, 15.3964, -38.3863



229.2400, 2.8397, 22.5915



226.7660, -11.7166, 24.7612

Sweetspot

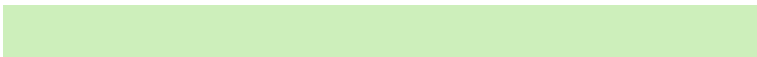
The Sweet Spot groups the original color and five complimentary colors.



221.4000, -0.1972, -30.1688



248.9340, 0.0325, -10.4661



222.9060, -17.7017, -15.7036



124.2550, -0.1257, -6.3626



0.0000, 0.0000, 0.0000



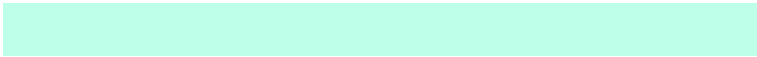
128.0000, 0.0000, 0.0000

Same Dimension

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



221.4000, -0.1972, -30.1688



232.6440, -0.3175, -38.2758



218.7560, 9.9803, -27.8500



115.9560, 0.0217, -6.9774



121.6880, -0.8322, -106.7204



37.0900, -0.0444, -32.5279

Inverse Universe

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



204.6000, 0.1972, 30.1688



211.3560, 0.3175, 38.2758



207.2440, -9.9803, 27.8500



112.0440, -0.0217, 6.9774



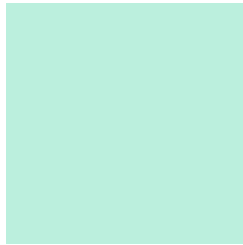
62.3120, 0.8322, 106.7204



18.9100, 0.0444, 32.5279

Previews

White Background



This preview shows how the YUV color 221.4000, -0.1972, -30.1688 looks on a white background.

Color Contrast Check

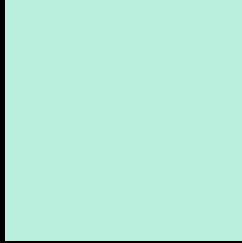
Large Text (above 18pt) WCAG AA × Fail

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 221.4000, -0.1972, -30.1688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

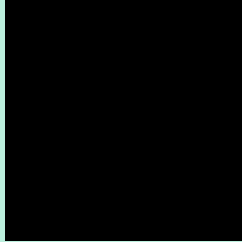
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

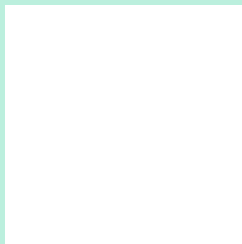
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 221.4000, -0.1972, -30.1688

Background



This preview shows how black text looks on a background with the YUV color 221.4000, -0.1972, -30.1688.



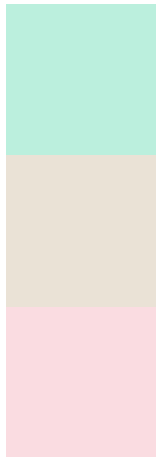
This preview shows how white text looks on a background with the YUV color 221.4000, -0.1972, -30.1688.

-30.1688.

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

221.4000, -0.1972, -30.1688

Protanopia

227.0240, -6.4208, 6.1180

Deuteranopia

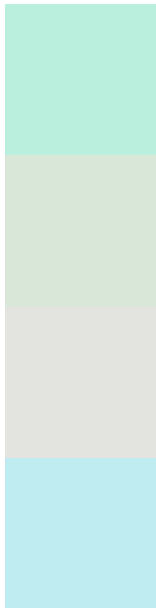
229.5400, -2.2382, 17.9434



Tritanopia

223.9070, 14.3428, -27.1054

Trichromacy



Original Color

221.4000, -0.1972, -30.1688

Protanomaly

225.2180, -4.0515, -7.2072

Deuteranomaly

226.6580, -1.3104, 0.2999

Tritanomaly

223.1150, 8.8173, -28.1649

Monochromacy



Original Color

221.4000, -0.1972, -30.1688

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.5210, -0.2569, -10.9809

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.4000, -0.1972, -30.1688 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(187, 239, 221)` looks like.

```
.text, #text, p{  
    color:rgb(187, 239, 221)  
}
```

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(187, 239, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 239, 221) }
```

Border

The CSS property to change the border of an element to YUV 221.4000, -0.1972, -30.1688 is called "border". The border property can be set on classes, ids or directly on the HTML element.

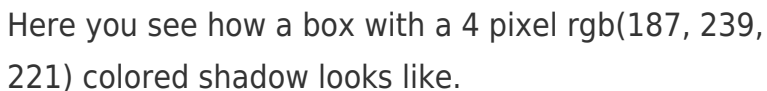
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 239, 221) }
```


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

```
.border{ border-color:rgb(187, 239, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 239, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 239, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 239, 221); box-shadow:4px 4px 4px 4px rgb(187, 239, 221) }
```

Background

The CSS property to change the background color of an element to YUV 221.4000, -0.1972, -30.1688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 239, 221) }
```

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

```
.background{ background-color: rgb(187,  
239, 221) }
```

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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