

Converting Colors

YUV(229.9990, -1.9715,
-21.0471)

Have a look what the booklet for
YUV(229.9990, -1.9715, -21.0471)
contains.

YUV(229.9990, -1.9715, -21.0471)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(229.9990, -1.9715,
-21.0471)**

Conversions

Conversions Part 1

Format	Color
Hex	CEF3E2
RGB	206, 243, 226
RGB Percent	81%, 95%, 89%
CMY	0.1922, 0.0471, 0.1137
CMYK	0.15, 0.00, 0.07, 0.05
HSL	152°, 61%, 88%
HSV	152°, 15%, 95%
XYZ	71.2317, 82.7140, 84.1626
YIQ	229.9990, -16.5950, -13.1310

Conversions

Conversions Part 2

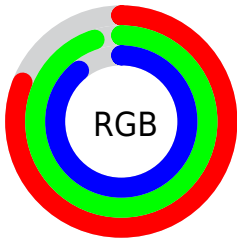
Format	Color
R _Y B	206, 230, 243
Decimal	13562850
CIE Lab	92.89, -15.18, 4.19
CIE LCh	93, 15.751, 164.566
Yxy	82.7140, 0.2992, 0.3474
Android (android.graphics.Color)	4291752930 (0xFFCEF3E2)
YUV	229.9990, -1.9715, -21.0471
Hunter-Lab	90.9472, -19.3529, 8.7961

Details

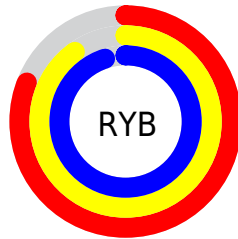
The YUV color $229.9990, -1.9715, -21.0471$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $219.0010, 1.9715, 21.0471$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $174.4120, -1.6821, -20.5323$ is the 20% darker color. If you saturate the color by 10%, you get $221.5690, -3.2385, -34.7020$, and if you desaturate by 10%, it is $238.4290, -0.7045, -7.3922$.

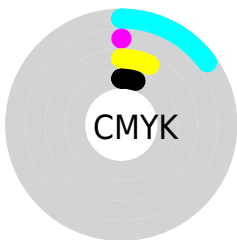
Distribution



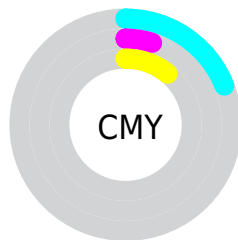
- Red (81%)
- Green (95%)
- Blue (89%)



- Red (81%)
- Yellow (90%)
- Blue (95%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (19%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.9990, -1.9715, -21.0471 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 229.9990, -1.9715, -21.0471 by changing the saturation by 10% instead.

■ 229.9990, -1.9715,
-21.0471

■ 229.9990, -1.9715,
-21.0471

255.0000, 0.0000,
0.0000

■ 201.9990, -1.9715,
-21.0471

■ 174.4120, -1.6821,
-20.5323

■ 147.7110, -1.8295,
-19.9175

■ 122.1240, -1.5401,
-19.4027

■ 96.5370, -1.2507,
-18.8879

■ 72.8360, -1.3981,
-18.2732

■ 49.9500, -0.9613,

-18.3731

■ 28.0640, -0.5246,
-18.4731

■ 10.5660, -5.2090,
-9.2664

■ 229.9990, -1.9715,
-21.0471

■ 229.9990, -1.9715,
-21.0471

■ 221.5690, -3.2385,
-34.7020

■ 238.4290, -0.7045,
-7.3922

■ 212.8400, -4.3581,
-48.9717

■ 247.1580, 0.4151,
6.8774

■ 204.4100, -5.6251,
-62.6266

■ 247.9560, 3.4727,
6.1776

■ 195.8660, -7.3289,
-76.1815

■ 187.4360, -8.5959,
-89.8364

■ 178.7070, -9.7156,
-104.1060

■ 170.2770,
-10.9826, -117.7609

■ 161.8470,
-12.2496, -131.4158

■ 157.5750,
-13.1015, -138.1933

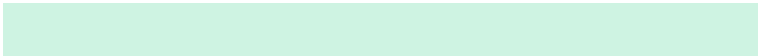
Harmonies

Analogous

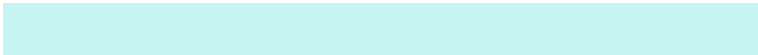
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.5400, -9.1402, -8.3666



229.9990, -1.9715, -21.0471



229.7190, 6.0545, -28.6946

Triad

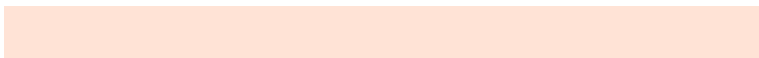
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.9990, -1.9715, -21.0471



234.0130, 10.3466, -5.2734



233.8900, -9.8058, 18.5135

Complementary

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



229.9990, -1.9715, -21.0471



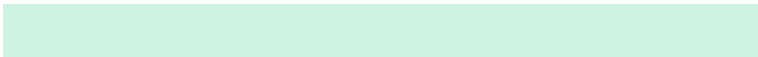
219.0010, 1.9715, 21.0471

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.



233.7250, -2.8224, 18.6582



229.9990, -1.9715, -21.0471



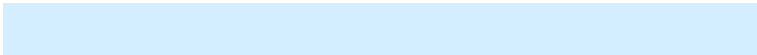
236.7590, 8.9928, 8.9814

Square

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



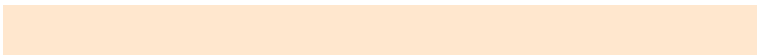
229.9990, -1.9715, -21.0471



231.5660, 11.5530, -18.9134



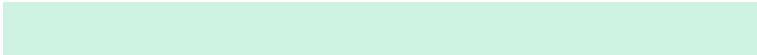
236.0220, 3.4402, 16.6437



235.3260, -14.4577, 17.2541

Rectangle

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



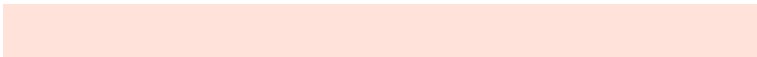
229.9990, -1.9715, -21.0471



229.8590, 10.4225, -29.6943



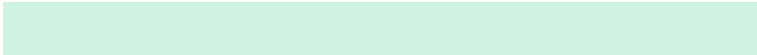
236.0220, 3.4402, 16.6437



233.7590, -7.7692, 18.6284

Sweetspot

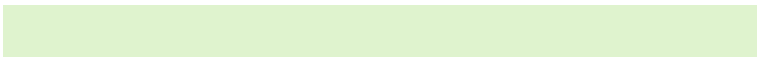
The Sweet Spot groups the original color and five complimentary colors.



229.9990, -1.9715, -21.0471



250.4290, -0.7045, -7.3922



232.8020, -13.2134, -8.5964



125.1520, -0.5679, -4.5183



0.0000, 0.0000, 0.0000



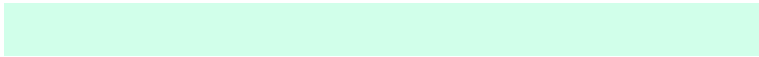
128.0000, 0.0000, 0.0000

Same Dimension

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



229.9990, -1.9715, -21.0471



238.8520, -2.3920, -26.1802



231.3500, 5.7435, -22.2319



117.8420, -0.4151, -6.8774



120.6960, -9.7101, -105.8504



38.2810, -3.0965, -33.5724

Inverse Universe

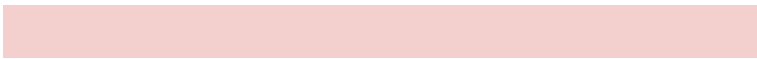
The Inverse Universe completely reimagines the original color for something new.



219.0010, 1.9715, 21.0471



225.1480, 2.3920, 26.1802



217.6500, -5.7435, 22.2319



114.2720, 0.8519, 6.7775



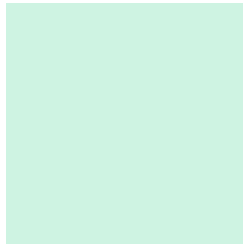
65.4180, 10.1469, 105.7504



20.7190, 3.0965, 33.5724

Previews

White Background



This preview shows how the YUV color 229.9990, -1.9715, -21.0471 looks on a white background.

Color Contrast Check

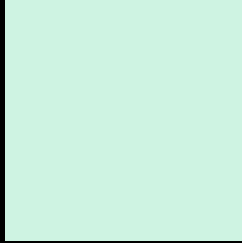
Large Text (above 18pt) WCAG AA × Fail

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 229.9990, -1.9715, -21.0471 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

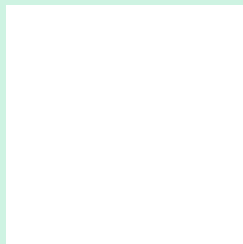
Any Text WCAG AAA ✓ Pass

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

YUV 229.9990, -1.9715, -21.0471 Background



This preview shows how black text looks on a background with the YUV color 229.9990, -1.9715, -21.0471.



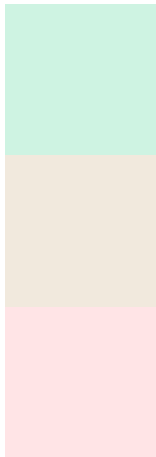
This preview shows how white text looks on a background with the YUV color 229.9990, -1.9715, -21.0471.

-21.0471.

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

229.9990, -1.9715, -21.0471

Protanopia

234.0240, -6.4208, 6.1180

Deuteranopia

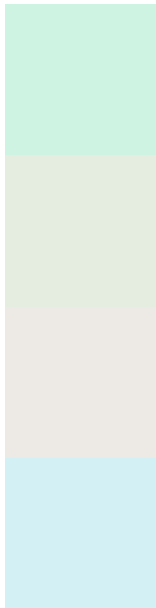
236.3010, -3.1064, 16.3990



Tritanopia

232.7620, 10.9633, -16.4543

Trichromacy



Original Color

229.9990, -1.9715, -21.0471

Protanomaly

232.7130, -4.7885, -4.1333

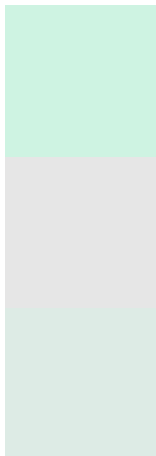
Deuteranomaly

233.7400, -2.3368, 2.8590

Tritanomaly

231.7850, 6.0220, -18.2284

Monochromacy



Original Color

229.9990, -1.9715, -21.0471

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

230.1300, -0.5571, -8.0070

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.9990, -1.9715, -21.0471 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(206, 243, 226)` looks like.

```
.text, #text, p{  
    color:rgb(206, 243, 226)  
}
```

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(206, 243, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 243, 226) }
```

Border

The CSS property to change the border of an element to YUV 229.9990, -1.9715, -21.0471 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(206, 243, 226) }
```


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

```
.border{ border-color:rgb(206, 243, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 243, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 243, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 243, 226);  
box-shadow:4px 4px 4px 4px rgb(206, 243,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 229.9990, -1.9715, -21.0471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 243, 226) }
```

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

```
.background{ background-color: rgb(206,  
243, 226) }
```

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