

Converting Colors

YUV(228.9440, -1.9444,
-29.7689)

Have a look what the booklet for
YUV(228.9440, -1.9444, -29.7689)
contains.

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Color

**YUV(228.9440, -1.9444,
-29.7689)**

Conversions

Conversions Part 1

Format	Color
Hex	C3F7E1
RGB	195, 247, 225
RGB Percent	76%, 97%, 88%
CMY	0.2353, 0.0314, 0.1176
CMYK	0.21, 0.00, 0.09, 0.03
HSL	155°, 76%, 87%
HSV	155°, 21%, 97%
XYZ	69.3570, 83.5599, 83.7073
YIQ	228.9440, -23.9300, -17.8660

Conversions

Conversions Part 2

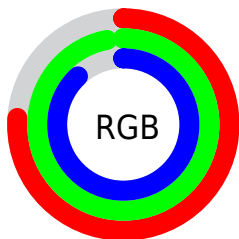
Format	Color
R _Y B	195, 228, 247
Decimal	12842977
CIE Lab	93.26, -20.80, 5.16
CIE LCh	93, 21.428, 166.063
Yxy	83.5599, 0.2931, 0.3531
Android (android.graphics.Color)	4291033057 (0xFFC3F7E1)
YUV	228.9440, -1.9444, -29.7689
Hunter-Lab	91.4111, -24.5347, 9.6945

Details

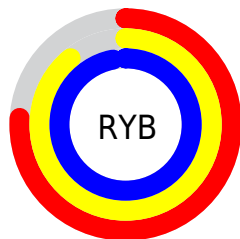
The YUV color $228.9440, -1.9444, -29.7689$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $213.0560, 1.9444, 29.7689$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.1030, 0.4422, -1.8443$, and $173.3570, -1.6550, -29.2541$ is the 20% darker color. If you saturate the color by 10%, you get $220.3290, -2.6272, -44.1385$, and if you desaturate by 10%, it is $237.5590, -1.2616, -15.3992$.

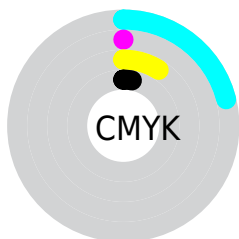
Distribution



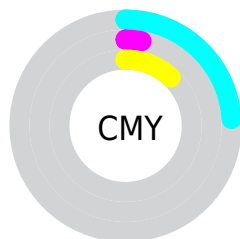
- Red (76%)
- Green (97%)
- Blue (88%)



- Red (76%)
- Yellow (89%)
- Blue (97%)



- Cyan (21%)
- Magenta (0%)
- Yellow (9%)
- Black (3%)



- Cyan (24%)
- Magenta (3%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YUV color 228.9440, -1.9444, -29.7689 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 228.9440, -1.9444, -29.7689 by changing the saturation by 10% instead.

 228.9440, -1.9444,
-29.7689

 228.9440, -1.9444,
-29.7689


255.0000, 0.0000,
0.0000


 200.3570, -1.6550,
-29.2541


 254.1030, 0.4422,
-1.8443

 173.3570, -1.6550,
-29.2541

 146.0690, -1.5130,
-28.1245

 120.4820, -1.2236,
-27.6097

 94.8950, -0.9342,
-27.0949

 70.8950, -0.9342,
-27.0949

 46.5250, 0.2342,

-28.5244

■ 27.0310, -0.5083,
-23.7062

■ 11.7400, -5.7878,
-10.2960

■ 228.9440, -1.9444,
-29.7689

■ 228.9440, -1.9444,
-29.7689

■ 220.3290, -2.6272,
-44.1385

■ 237.5590, -1.2616,
-15.3992

■ 211.8990, -3.8942,
-57.7934

■ 245.9890, 0.0054,
-1.7444

■ 203.2840, -4.5770,
-72.1631

■ 250.3040, 2.3151,
4.1184

■ 194.5550, -5.6966,
-86.4327

■ 186.2390, -6.5268,
-100.1876

■ 177.5100, -7.6464,
-114.4573

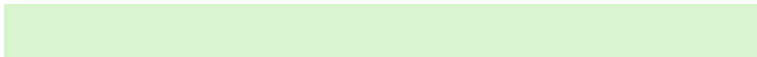
■ 168.8950, -8.3292,
-128.8269

■ 161.1770, -9.4543,
-141.3522

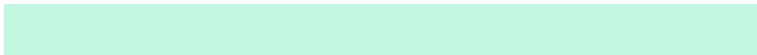
Harmonies

Analogous

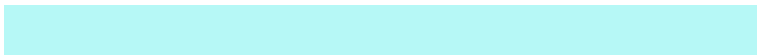
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.4100, -12.0341, -13.5146



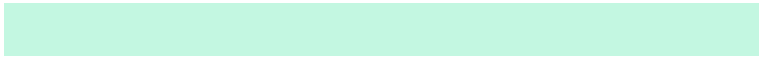
228.9440, -1.9444, -29.7689



228.0380, 8.8553, -40.3753

Triad

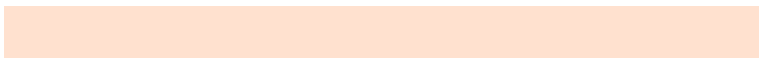
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.9440, -1.9444, -29.7689



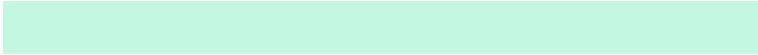
234.3010, 10.2046, -6.4030



231.9180, -12.2846, 20.2429

Complementary

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



228.9440, -1.9444, -29.7689



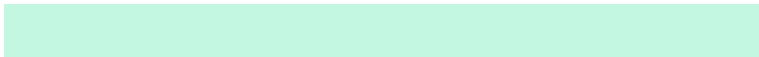
213.0560, 1.9444, 29.7689

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.



232.2090, -3.5540, 19.9877



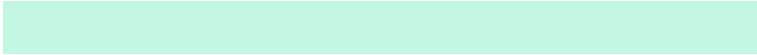
228.9440, -1.9444, -29.7689



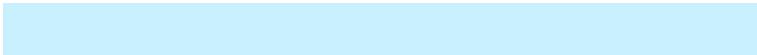
237.9660, 8.3978, 13.1848

Square

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



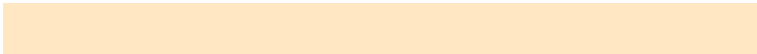
228.9440, -1.9444, -29.7689



230.0490, 12.3008, -25.4760



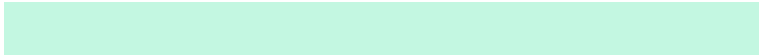
234.6030, 5.6187, 17.8882



234.1860, -18.8257, 18.2539

Rectangle

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



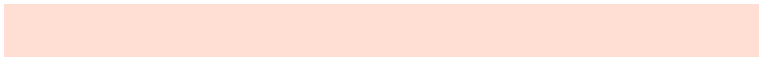
228.9440, -1.9444, -29.7689



227.5910, 13.5126, -40.8603



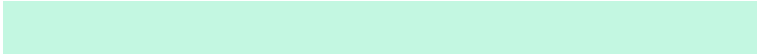
234.6030, 5.6187, 17.8882



231.3140, -9.5218, 20.7726

Sweetspot

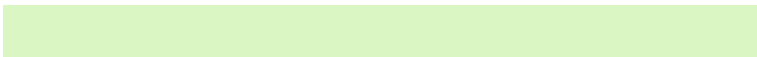
The Sweet Spot groups the original color and five complimentary colors.



228.9440, -1.9444, -29.7689



249.8310, -0.4097, -8.6218



232.4010, -18.4387, -12.6297



124.8530, -0.4205, -5.1331



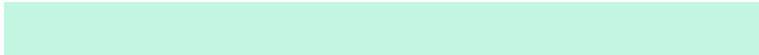
0.0000, 0.0000, 0.0000



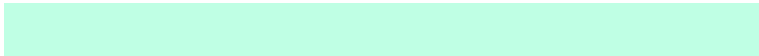
128.0000, 0.0000, 0.0000

Same Dimension

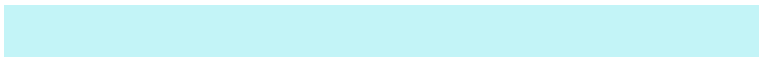
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.9440, -1.9444, -29.7689



232.7860, -2.3595, -36.6463



229.6910, 8.5333, -30.4240



117.8420, -0.4151, -6.8774



121.3800, -7.0893, -106.4503



38.5090, -2.2229, -33.7724

Inverse Universe

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



213.0560, 1.9444, 29.7689



213.2140, 2.3595, 36.6463



212.3090, -8.5333, 30.4240



114.1580, 0.4151, 6.8774



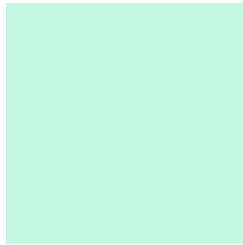
64.6200, 7.0893, 106.4503



20.4910, 2.2229, 33.7724

Previews

White Background



This preview shows how the YUV color 228.9440, -1.9444, -29.7689 looks on a white background.

Color Contrast Check

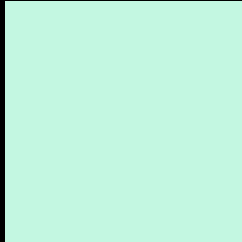
Large Text (above 18pt) WCAG AA × Fail

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 228.9440, -1.9444, -29.7689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

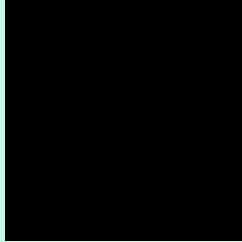
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

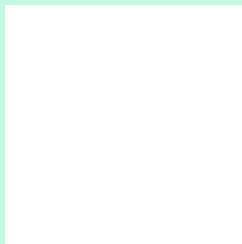
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.9440, -1.9444, -29.7689

Background



This preview shows how black text looks on a background with the YUV color 228.9440, -1.9444, -29.7689.



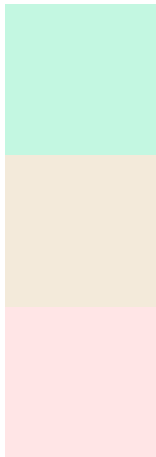
This preview shows how white text looks on a background with the YUV color 228.9440, -1.9444,

-29.7689.

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

228.9440, -1.9444, -29.7689

Protanopia

234.8670, -8.3154, 7.1326

Deuteranopia

236.8880, -3.3958, 15.8842



Tritanopia

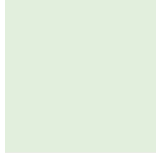
232.7400, 10.9742, -19.9430

Trichromacy



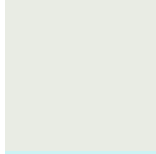
Original Color

228.9440, -1.9444, -29.7689



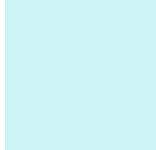
Protanomaly

233.0610, -5.9461, -6.1925



Deuteranomaly

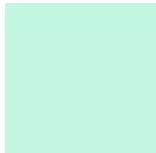
234.1910, -3.0522, -1.0445



Tritanomaly

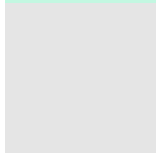
231.7520, 6.0383, -23.4615

Monochromacy



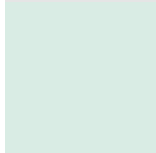
Original Color

228.9440, -1.9444, -29.7689



Achromatopsia

229.0000, 0.0000, 0.0000



Achromatomaly

229.4070, -0.6937, -10.8809

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.9440, -1.9444, -29.7689 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(195, 247, 225)` looks like.

```
.text, #text, p{  
    color:rgb(195, 247, 225)  
}
```

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(195, 247, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 247, 225) }
```

Border

The CSS property to change the border of an element to YUV 228.9440, -1.9444, -29.7689 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(195, 247, 225) }
```


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

```
.border{ border-color:rgb(195, 247, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 247, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 247, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 247, 225);  
box-shadow:4px 4px 4px 4px rgb(195, 247,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 228.9440, -1.9444, -29.7689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 247, 225) }
```

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

```
.background{ background-color: rgb(195,  
247, 225) }
```

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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