

Converting Colors

YUV(222.0180, 5.9071,
-28.0798)

Have a look what the booklet for
YUV(222.0180, 5.9071, -28.0798)
contains.

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Color

**YUV(222.0180, 5.9071,
-28.0798)**

Conversions

Conversions Part 1

Format	Color
Hex	BEECEA
RGB	190, 236, 234
RGB Percent	75%, 93%, 92%
CMY	0.2549, 0.0745, 0.0824
CMYK	0.19, 0.00, 0.01, 0.07
HSL	177°, 55%, 84%
HSV	177°, 19%, 93%
XYZ	66.0819, 76.8786, 89.1981
YIQ	222.0180, -26.7740, -10.3740

Conversions

Conversions Part 2

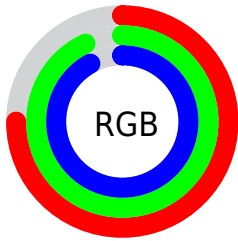
Format	Color
R _Y B	190, 214, 236
Decimal	12512490
CIE Lab	90.27, -15.10, -3.92
CIE LCh	90, 15.596, 194.562
Yxy	76.8786, 0.2846, 0.3311
Android (android.graphics.Color)	4290702570 (0xFFBEECEA)
YUV	222.0180, 5.9071, -28.0798
Hunter-Lab	87.6804, -18.9110, 1.0601

Details

The YUV color $222.0180, 5.9071, -28.0798$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $203.9820, -5.9071, 28.0798$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.6080, 1.1793, -4.9182$, and $166.6160, 5.6123, -26.8502$ is the 20% darker color. If you saturate the color by 10%, you get $214.7280, 9.0081, -42.7345$, and if you desaturate by 10%, it is $229.3080, 2.8062, -13.4251$.

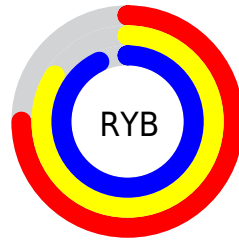
Distribution



Red (75%)

Green (93%)

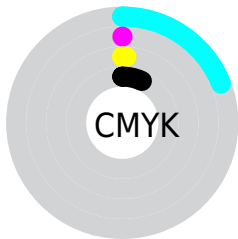
Blue (92%)



Red (75%)

Yellow (84%)

Blue (93%)

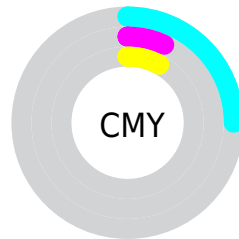


Cyan (19%)

Magenta (0%)

Yellow (1%)

Black (7%)



Cyan (25%)

Magenta (7%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.0180, 5.9071, -28.0798 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 222.0180, 5.9071, -28.0798 by changing the saturation by 10% instead.

■ 222.0180, 5.9071,
-28.0798

■ 222.0180, 5.9071,
-28.0798

255.0000, 0.0000,
0.0000

■ 194.3170, 5.7597,
-27.4650

■ 252.6080, 1.1793,
-4.9182

■ 166.6160, 5.6123,
-26.8502

■ 140.0290, 5.9017,
-26.3354

■ 114.0290, 5.9017,
-26.3354

■ 89.3280, 5.7543,
-25.7207

■ 65.0290, 5.9017,
-26.3354

■ 40.8330, 6.4913,

-28.7945

■ 23.1330, 4.8644,
-20.2876

■ 2.3140, 3.7892,
-2.0294

■ 222.0180, 5.9071,
-28.0798

■ 222.0180, 5.9071,
-28.0798

■ 214.7280, 9.0081,
-42.7345

■ 229.3080, 2.8062,
-13.4251

■ 207.7370, 11.9617,
-56.7743

■ 236.2990, -0.1474,
0.6148

■ 200.4470, 15.0626,
-71.4290

■ 241.7950, -2.3639,
11.5808

■ 193.4560, 18.0162,
-85.4689

■ 241.9090, -1.9271,
11.4808

■ 186.1660, 21.1172,
-100.1236

■ 242.0230, -1.4903,
11.3808

■ 178.8760, 24.2181,
-114.7783

■ 242.1370, -1.0535,
11.2809

■ 171.8850, 27.1717,
-128.8181

■ 242.2510, -0.6167,
11.1809

■ 164.5950, 30.2727,
-143.4728

■ 242.3650, -0.1799,
11.0809

■ 164.2960, 30.4201,
-144.0876

■ 242.4790, 0.2569,
10.9809

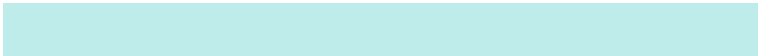
Harmonies

Analogous

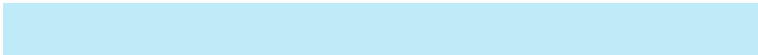
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.4120, -1.6821, -20.5323



222.0180, 5.9071, -28.0798



222.6250, 12.0169, -27.7351

Triad

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



222.0180, 5.9071, -28.0798



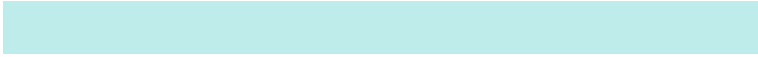
229.4600, 9.1402, 8.3666



227.4400, -14.0209, 17.1541

Complementary

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



222.0180, 5.9071, -28.0798



203.9820, -5.9071, 28.0798

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.



228.3960, -10.5482, 23.3317



222.0180, 5.9071, -28.0798



230.4030, 2.2663, 19.8176

Square

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



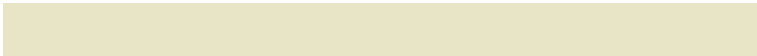
222.0180, 5.9071, -28.0798



227.5120, 13.5516, -6.5880



228.7040, -4.2911, 23.0616



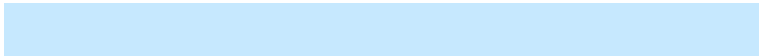
225.7760, -13.6936, 5.4584

Rectangle

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



222.0180, 5.9071, -28.0798



224.3420, 14.6214, -23.1019



228.7040, -4.2911, 23.0616



228.2770, -13.4476, 19.9281

Sweetspot

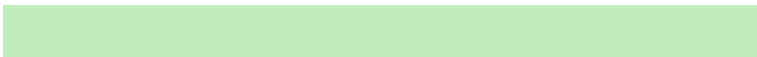
The Sweet Spot groups the original color and five complimentary colors.



222.0180, 5.9071, -28.0798



250.4010, 1.7743, -9.1217



217.6000, -13.6068, -22.4512



125.1950, 0.8899, -5.4330



0.0000, 0.0000, 0.0000



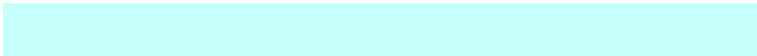
128.0000, 0.0000, 0.0000

Same Dimension

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



222.0180, 5.9071, -28.0798



237.0170, 7.3866, -35.9719



209.9190, 12.8579, -17.4690



113.7110, 1.6215, -6.7625



125.9690, 23.1863, -110.4748



37.5120, 6.6496, -32.8980

Inverse Universe

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



203.9820, -5.9071, 28.0798



213.9830, -7.3866, 35.9719



216.0810, -12.8579, 17.4690



109.2890, -1.6215, 6.7625



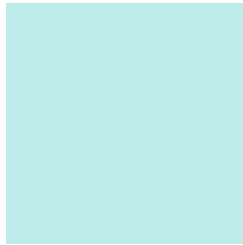
55.0310, -23.1863, 110.4748



16.3740, -7.0864, 32.9980

Previews

White Background



This preview shows how the YUV color 222.0180, 5.9071, -28.0798 looks on a white background.

Color Contrast Check

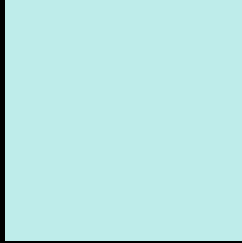
Large Text (above 18pt) WCAG AA × Fail

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 222.0180, 5.9071, -28.0798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

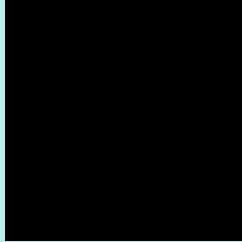
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 222.0180, 5.9071, -28.0798

Background



This preview shows how black text looks on a background with the YUV color 222.0180, 5.9071, -28.0798.



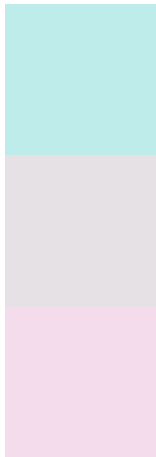
This preview shows how white text looks on a background with the YUV color 222.0180, 5.9071, -28.0798.

-28.0798.

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

222.0180, 5.9071, -28.0798

Protanopia

226.8370, 0.5734, 2.7740

Deuteranopia

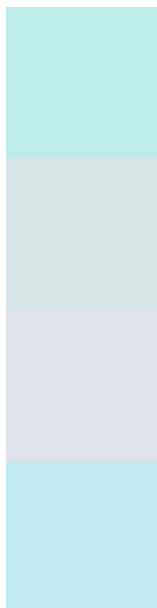
229.1140, 3.8878, 13.0550



Tritanopia

223.5050, 14.0480, -25.8759

Trichromacy



Original Color

222.0180, 5.9071, -28.0798

Protanomaly

224.9280, 2.5005, -8.7069

Deuteranomaly

226.5420, 4.6628, -2.2293

Tritanomaly

222.9950, 10.8485, -26.3056

Monochromacy



Original Color

222.0180, 5.9071, -28.0798

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.8030, 2.0691, -10.3512

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.0180, 5.9071, -28.0798 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(190, 236, 234)` looks like.

```
.text, #text, p{  
    color:rgb(190, 236, 234)  
}
```

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(190, 236, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 236, 234) }
```

Border

The CSS property to change the border of an element to YUV 222.0180, 5.9071, -28.0798 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(190, 236, 234) }
```


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

```
.border{ border-color:rgb(190, 236, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 236, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 236, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 236, 234);  
box-shadow:4px 4px 4px 4px rgb(190, 236,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 222.0180, 5.9071, -28.0798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 236, 234) }
```

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

```
.background{ background-color: rgb(190,  
236, 234) }
```

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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