

Converting Colors

YUV(222.0610, 7.3649,
-28.9945)

Have a look what the booklet for
YUV(222.0610, 7.3649, -28.9945)
contains.

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Color

**YUV(222.0610, 7.3649,
-28.9945)**

Conversions

Conversions Part 1

Format	Color
Hex	BDECED
RGB	189, 236, 237
RGB Percent	74%, 93%, 93%
CMY	0.2588, 0.0745, 0.0706
CMYK	0.20, 0.00, 0.00, 0.07
HSL	181°, 57%, 84%
HSV	181°, 20%, 93%
XYZ	66.2678, 76.9241, 91.4759
YIQ	222.0610, -28.3330, -9.6530

Conversions

Conversions Part 2

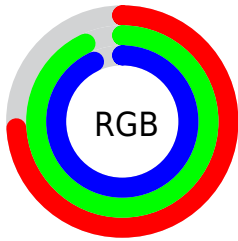
Format	Color
RYB	189, 213, 237
Decimal	12446957
CIELab	90.29, -14.77, -5.46
CIELCh	90, 15.749, 200.303
Yxy	76.9241, 0.2824, 0.3278
Android (android.graphics.Color)	4290637037 (0xFFBDECED)
YUV	222.0610, 7.3649, -28.9945
Hunter-Lab	87.7064, -18.6181, -0.4437

Details

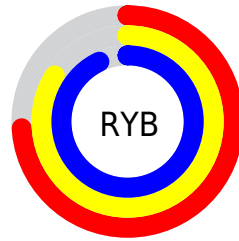
The YUV color $222.0610, 7.3649, -28.9945$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $203.9390, -7.3649, 28.9945$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3090, 1.3267, -5.5330$, and $166.6590, 7.0701, -27.7649$ is the 20% darker color. If you saturate the color by 10%, you get $214.8850, 10.9027, -43.7491$, and if you desaturate by 10%, it is $229.2370, 3.8272, -14.2398$.

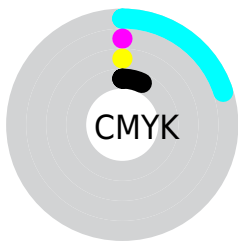
Distribution



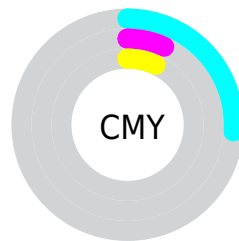
- Red (74%)
- Green (93%)
- Blue (93%)



- Red (74%)
- Yellow (84%)
- Blue (93%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (26%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.0610, 7.3649, -28.9945 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 222.0610, 7.3649, -28.9945 by changing the saturation by 10% instead.

■ 222.0610, 7.3649,
-28.9945

■ 222.0610, 7.3649,
-28.9945

255.0000, 0.0000,
0.0000

■ 194.0610, 7.3649,
-28.9945

■ 252.3090, 1.3267,
-5.5330

■ 166.6590, 7.0701,
-27.7649

■ 139.9580, 6.9227,
-27.1502

■ 113.9580, 6.9227,
-27.1502

■ 88.9580, 6.9227,
-27.1502

■ 64.9580, 6.9227,
-27.1502

■ 40.2780, 8.2439,

-30.9388

■ 23.3610, 5.7380,
-20.4876

■ 3.3570, 5.2470,
-2.9441

■ 222.0610, 7.3649,
-28.9945

■ 222.0610, 7.3649,
-28.9945

■ 214.8850, 10.9027,
-43.7491

■ 229.2370, 3.8272,
-14.2398

■ 207.4210, 14.5824,
-57.3742

■ 236.7010, 0.1474,
-0.6148

■ 200.2450, 18.1202,
-72.1289

■ 242.3820, -2.6533,
11.0660

■ 192.4820, 21.9474,
-86.3687

■ 242.9690, -2.9427,
10.5512

■ 185.6050, 25.3377,
-100.5086

■ 243.5560, -3.2321,
10.0364

■ 177.8420, 29.1649,
-114.7484

■ 244.1430, -3.5215,
9.5216

■ 170.6660, 32.7027,
-129.5031

■ 163.2020, 36.3824,
-143.1282

Harmonies

Analogous

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



222.4440, -0.2189, -23.1914



222.0610, 7.3649, -28.9945



223.2660, 13.1799, -27.4203

Triad

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



222.0610, 7.3649, -28.9945



229.6560, 8.5506, 10.8257



227.0160, -14.3049, 14.8950

Complementary

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



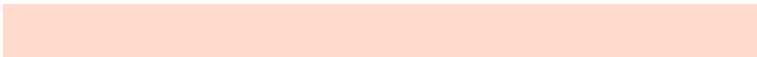
222.0610, 7.3649, -28.9945



203.9390, -7.3649, 28.9945

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.



228.7550, -11.7112, 23.0169



222.0610, 7.3649, -28.9945



230.1860, 1.3873, 21.7619

Square

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



222.0610, 7.3649, -28.9945



228.1210, 13.2513, -3.6141



228.3620, -5.6015, 23.3615



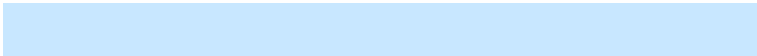
225.2810, -12.9565, 2.3846

Rectangle

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



222.0610, 7.3649, -28.9945



224.4670, 15.0528, -21.4576



228.3620, -5.6015, 23.3615



228.0380, -14.3157, 18.3837

Sweetspot

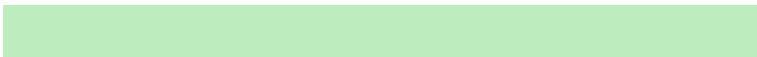
The Sweet Spot groups the original color and five complimentary colors.



222.0610, 7.3649, -28.9945



250.5150, 2.2111, -9.2217



217.2900, -13.4540, -24.8103



124.7220, 1.6161, -5.0182



0.0000, 0.0000, 0.0000



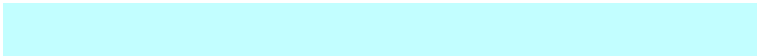
128.0000, 0.0000, 0.0000

Same Dimension

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



222.0610, 7.3649, -28.9945



236.1740, 9.2812, -36.9866



207.9730, 14.3103, -16.6393



113.7110, 1.6215, -6.7625



124.5330, 27.8382, -109.2154



36.6800, 8.5388, -32.1684

Inverse Universe

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



208.7100, 13.4540, 24.8103



219.0790, 17.2161, 31.5027



218.0270, -14.3103, 16.6393



110.5430, 3.1833, 5.6628



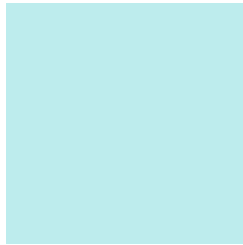
74.2970, 50.6326, 93.5785



22.0740, 14.7535, 27.9991

Previews

White Background



This preview shows how the YUV color 222.0610, 7.3649, -28.9945 looks on a white background.

Color Contrast Check

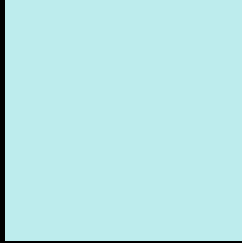
Large Text (above 18pt) WCAG AA × Fail

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 222.0610, 7.3649, -28.9945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

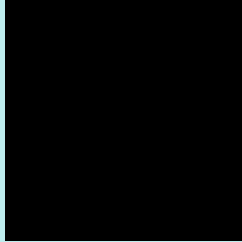
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 222.0610, 7.3649, -28.9945

Background



This preview shows how black text looks on a background with the YUV color 222.0610, 7.3649, -28.9945.



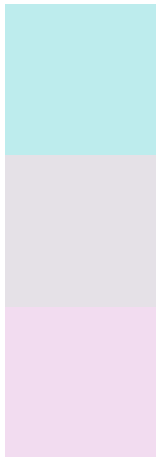
This preview shows how white text looks on a background with the YUV color 222.0610, 7.3649, -28.9945.

-28.9945.

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

222.0610, 7.3649, -28.9945

Protanopia

226.8800, 2.0312, 1.8592

Deuteranopia

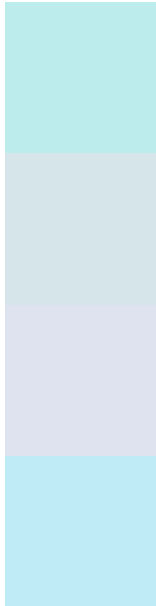
228.8580, 5.4930, 11.5255



Tritanopia

223.4940, 14.0535, -27.6202

Trichromacy



Original Color

222.0610, 7.3649, -28.9945

Protanomaly

224.9710, 3.9583, -9.6216

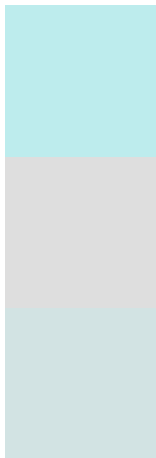
Deuteranomaly

226.5850, 6.1206, -3.1440

Tritanomaly

223.2120, 11.7275, -28.2499

Monochromacy



Original Color

222.0610, 7.3649, -28.9945

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.9170, 2.5059, -10.4512

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.0610, 7.3649, -28.9945 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(189, 236, 237)` looks like.

```
.text, #text, p{  
    color:rgb(189, 236, 237)  
}
```

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(189, 236, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 236, 237) }
```

Border

The CSS property to change the border of an element to YUV 222.0610, 7.3649, -28.9945 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(189, 236, 237) }
```


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

```
.border{ border-color:rgb(189, 236, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 236, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 236, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 236, 237);  
box-shadow:4px 4px 4px 4px rgb(189, 236,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 222.0610, 7.3649, -28.9945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 236, 237) }
```

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

```
.background{ background-color: rgb(189,  
236, 237) }
```

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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