

Converting Colors

YUV(210.1890, -3.5442,
-29.9838)

Have a look what the booklet for
YUV(210.1890, -3.5442, -29.9838)
contains.

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Color

**YUV(210.1890, -3.5442,
-29.9838)**

Conversions

Conversions Part 1

Format	Color
Hex	B0E5CB
RGB	176, 229, 203
RGB Percent	69%, 90%, 80%
CMY	0.3098, 0.1020, 0.2039
CMYK	0.23, 0.00, 0.11, 0.10
HSL	151°, 50%, 79%
HSV	151°, 23%, 90%
XYZ	56.7033, 69.5805, 66.9417
YIQ	210.1890, -23.2420, -19.3220

Conversions

Conversions Part 2

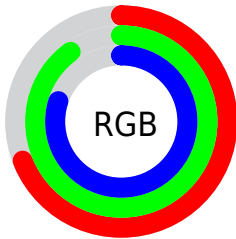
Format	Color
RYB	176, 211, 229
Decimal	11593163
CIELab	86.79, -22.15, 7.16
CIELCh	87, 23.279, 162.080
Yxy	69.5805, 0.2935, 0.3601
Android (android.graphics.Color)	4289783243 (0xFFB0E5CB)
YUV	210.1890, -3.5442, -29.9838
Hunter-Lab	83.4149, -24.6365, 10.8094

Details

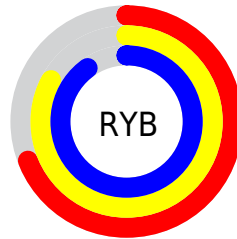
The YUV color $210.1890, -3.5442, -29.9838$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $194.8110, 3.5442, 29.9838$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.1230, 3.3904, -14.1399$, and $155.0150, -2.9654, -28.9542$ is the 20% darker color. If you saturate the color by 10%, you get $202.0580, -4.9586, -43.0239$, and if you desaturate by 10%, it is $218.3200, -2.1298, -16.9436$.

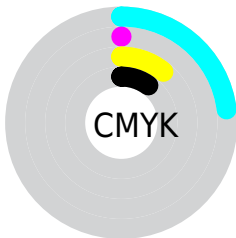
Distribution



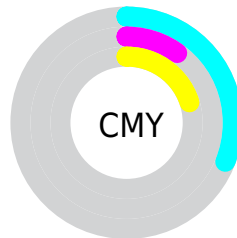
- Red (69%)
- Green (90%)
- Blue (80%)



- Red (69%)
- Yellow (83%)
- Blue (90%)



- Cyan (23%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)





- Cyan (31%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 210.1890, -3.5442, -29.9838 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 210.1890, -3.5442, -29.9838 by changing the saturation by 10% instead.


 210.1890, -3.5442,
-29.9838

 210.1890, -3.5442,
-29.9838

255.0000, 0.0000,
0.0000


 182.6020, -3.2548,
-29.4690


 248.1230, 3.3904,
-14.1399

 155.0150, -2.9654,
-28.9542

 129.3140, -3.1128,
-28.3394

 103.7270, -2.8234,
-27.8246

 78.8410, -2.3866,
-27.9246

 54.7700, -1.3656,
-28.7393

 32.2970, -0.6394,

-28.3245

■ 17.7070, -5.7716,
-15.5290

■ 0.0000, 0.0000,
0.0000

■ 210.1890, -3.5442,
-29.9838

■ 210.1890, -3.5442,
-29.9838

■ 202.0580, -4.9586,
-43.0239

■ 218.3200, -2.1298,
-16.9436

■ 193.9270, -6.3730,
-56.0640

■ 226.4510, -0.7153,
-3.9035

■ 185.6820, -8.2242,
-69.0041

■ 234.6960, 1.1359,
9.0366

■ 177.5510, -9.6386,
-82.0442

■ 238.9400, 4.4666,
14.0846

■ 169.4200,
-11.0531, -95.0843

■ 239.7380, 7.5242,
13.3848

■ 161.5880,
-12.6149, -107.5097

■ 153.3430,
-14.4661, -120.4498

■ 147.7610,
-15.1652, -129.5864

Harmonies

Analogous

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



212.8510, -14.2235, -11.2703



210.1890, -3.5442, -29.9838



208.6140, 8.5713, -42.6345

Triad

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



210.1890, -3.5442, -29.9838



216.8580, 18.8040, -11.2765



218.1260, -14.3591, 32.3385

Complementary

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



210.1890, -3.5442, -29.9838



194.8110, 3.5442, 29.9838

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.



218.6450, -4.7550, 31.8833



210.1890, -3.5442, -29.9838



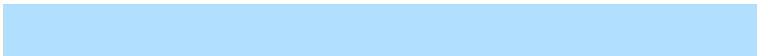
220.5510, 14.5184, 10.0408

Square

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



210.1890, -3.5442, -29.9838



212.5950, 20.9057, -32.0938



221.1420, 4.8600, 27.9395



217.7740, -20.5946, 25.6312

Rectangle

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



210.1890, -3.5442, -29.9838



208.7260, 15.4181, -45.3637



221.1420, 4.8600, 27.9395



217.6360, -11.1595, 32.7682

Sweetspot

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



210.1890, -3.5442, -29.9838



248.5920, -1.2779, -10.1662



215.1840, -19.3177, -10.6854



124.0270, -0.9993, -6.1627



0.0000, 0.0000, 0.0000



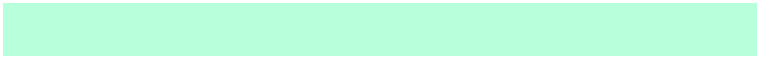
128.0000, 0.0000, 0.0000

Same Dimension

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



210.1890, -3.5442, -29.9838



229.7810, -4.8220, -40.1499



213.1530, 7.8126, -32.5832



110.7280, -0.8519, -6.7775



115.4470, -12.0524, -101.2470



32.9010, -3.4022, -28.8542

Inverse Universe

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



194.8110, 3.5442, 29.9838



209.2190, 4.8220, 40.1499



191.8470, -7.8126, 32.5832



107.2720, 0.8519, 6.7775



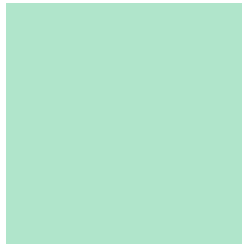
63.5530, 12.0524, 101.2470



18.0990, 3.4022, 28.8542

Previews

White Background



This preview shows how the YUV color 210.1890, -3.5442, -29.9838 looks on a white background.

Color Contrast Check

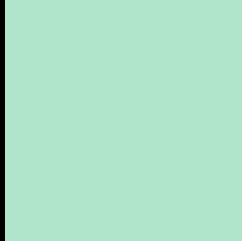
Large Text (above 18pt) WCAG AA × Fail

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 210.1890, -3.5442, -29.9838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

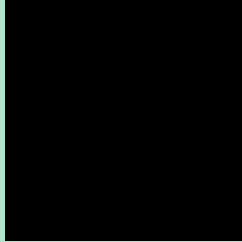
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

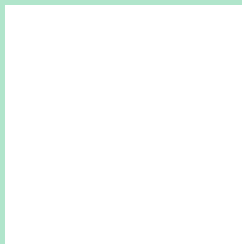
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 210.1890, -3.5442, -29.9838

Background



This preview shows how black text looks on a background with the YUV color 210.1890, -3.5442, -29.9838.



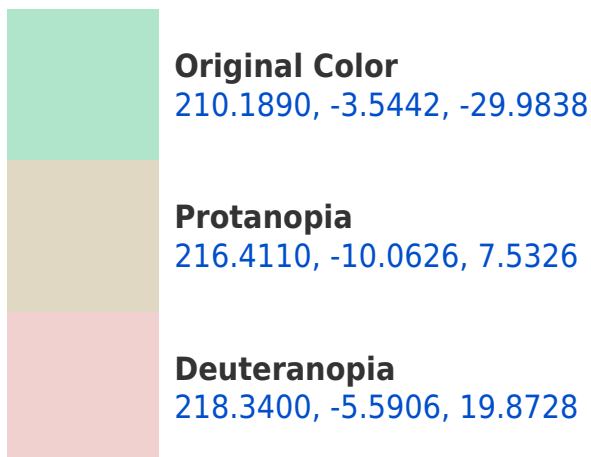
This preview shows how white text looks on a background with the YUV color 210.1890, -3.5442, -29.9838.

-29.9838.

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





Tritanopia

213.0920, 13.7586, -26.3907

Trichromacy



Original Color

210.1890, -3.5442, -29.9838

Protanomaly

214.3060, -7.5459, -6.4074

Deuteranomaly

215.1590, -4.5154, 1.6146

Tritanomaly

211.7730, 7.5069, -27.8649

Monochromacy



Original Color

210.1890, -3.5442, -29.9838

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.1790, -1.5672, -10.6810

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.1890, -3.5442, -29.9838 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(176, 229, 203)` looks like.

```
.text, #text, p{  
    color:rgb(176, 229, 203)  
}
```

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(176, 229, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 229, 203) }
```

Border

The CSS property to change the border of an element to YUV 210.1890, -3.5442, -29.9838 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(176, 229, 203) }
```


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

```
.border{ border-color:rgb(176, 229, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 229, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 229, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 229, 203);  
box-shadow:4px 4px 4px 4px rgb(176, 229,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 210.1890, -3.5442, -29.9838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 229, 203) }
```

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

```
.background{ background-color: rgb(176,  
229, 203) }
```

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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