

Converting Colors

YUV(212.9330, -18.7010,
-21.8662)

Have a look what the booklet for
YUV(212.9330, -18.7010, -21.8662)
contains.

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Color

**YUV(212.9330, -18.7010,
-21.8662)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BCE9AF |
| RGB | 188, 233, 175 |
| RGB Percent | 74%, 91%, 69% |
| CMY | 0.2627, 0.0863, 0.3137 |
| CMYK | 0.19, 0.00, 0.25, 0.09 |
| HSL | 107°, 57%, 80% |
| HSV | 107°, 25%, 91% |
| XYZ | 57.6158, 72.0643, 51.4306 |
| YIQ | 212.9330, -8.2020, -27.5780 |

Conversions

Conversions Part 2

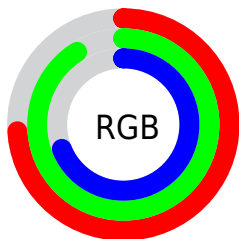
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 175, 233, 220 |
| Decimal | 12380591 |
| CIELab | 88.00, -25.11, 23.55 |
| CIELCh | 88, 34.430, 136.839 |
| Yxy | 72.0643, 0.3181, 0.3979 |
| Android (android.graphics.Color) | 4290570671 (0xFFBCE9AF) |
| YUV | 212.9330, -18.7010, -21.8662 |
| Hunter-Lab | 84.8907, -27.4098, 23.5030 |

Details

The YUV color **212.9330, -18.7010, -21.8662** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **195.0670, 18.7010, 21.8662**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.2740, -9.0091, -3.7483**, and **157.8730, -17.6854, -20.9366** is the 20% darker color. If you saturate the color by 10%, you get **204.9290, -26.0940, -30.6327**, and if you desaturate by 10%, it is **220.9370, -11.3079, -13.0997**.

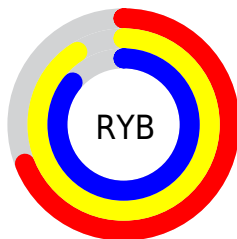
Distribution



Red (74%)

Green (91%)

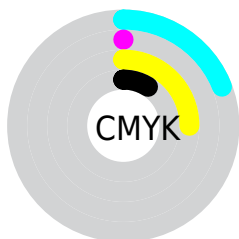
Blue (69%)



Red (69%)

Yellow (91%)

Blue (86%)

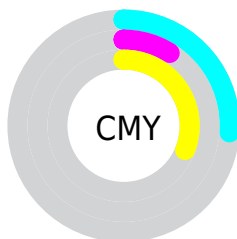


Cyan (19%)

Magenta (0%)

Yellow (25%)

Black (9%)



Cyan (26%)

Magenta (9%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.9330, -18.7010, -21.8662 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 212.9330, -18.7010, -21.8662 by changing the saturation by 10% instead.

■ 212.9330,
-18.7010, -21.8662

■ 212.9330,
-18.7010, -21.8662

255.0000, 0.0000,
0.0000

■ 185.3460,
-18.4116, -21.3514

■ 249.2740, -9.0091,
-3.7483

■ 157.8730,
-17.6854, -20.9366

■ 131.4000,
-16.9592, -20.5218

■ 105.9270,
-16.2330, -20.1070

■ 81.1550, -15.3594,
-20.3069

■ 57.3830, -14.4858,
-20.5069

■ 33.6710, -14.6278,

-21.6365

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 212.9330,
-18.7010, -21.8662

■ 212.9330,
-18.7010, -21.8662

■ 204.9290,
-26.0940, -30.6327

■ 220.9370,
-11.3079, -13.0997

■ 196.8110,
-33.9238, -39.2992

■ 229.0550, -3.4781,
-4.4332

■ 188.8070,
-41.3169, -48.0657

■ 237.0590, 3.9149,
4.3333

■ 180.8030,
-48.7099, -56.8322

■ 242.0860, 6.3666,
11.3256

■ 172.7990,
-56.1029, -65.5987

■ 164.6810,
-63.9327, -74.2652

■ 156.3780,
-71.1784, -83.6465

■ 152.3190,
-75.0933, -87.9798

Harmonies

Analogous

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



216.7750, -28.9761, 7.2133



212.9330, -18.7010, -21.8662



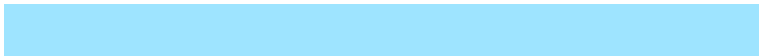
208.2250, -1.5899, -50.1863

Triad

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



212.9330, -18.7010, -21.8662



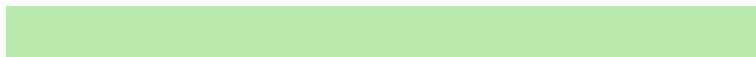
210.1480, 22.1120, -45.7338



215.0260, -5.9288, 35.0572

Complementary

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



212.9330, -18.7010, -21.8662



195.0670, 18.7010, 21.8662

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.



219.4890, 8.6329, 31.1431



212.9330, -18.7010, -21.8662



218.0430, 18.2198, -10.5617

Square

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



212.9330, -18.7010, -21.8662



204.6780, 24.8087, -70.7546



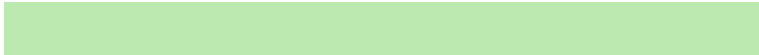
224.1440, 15.2120, 20.9217



215.2420, -20.3323, 34.8678

Rectangle

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



212.9330, -18.7010, -21.8662



205.0410, 10.8258, -65.8110



224.1440, 15.2120, 20.9217



215.6930, -0.8346, 34.4722

Sweetspot

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



212.9330, -18.7010, -21.8662



248.7620, -5.7987, -6.8073



218.1700, -21.2828, 13.0059



124.3540, -3.6255, -3.8185



0.0000, 0.0000, 0.0000



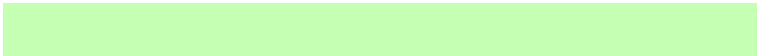
128.0000, 0.0000, 0.0000

Same Dimension

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



212.9330, -18.7010, -21.8662



228.6950, -24.4996, -28.6735



210.7560, -10.2327, -31.3580



113.0550, -3.4781, -4.4332



118.5060, -58.4235, -67.9728



35.2860, -17.3960, -20.4218

Inverse Universe

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



195.0670, 18.7010, 21.8662



205.3050, 24.4996, 28.6735



197.2440, 10.2327, 31.3580



109.9450, 3.4781, 4.4332



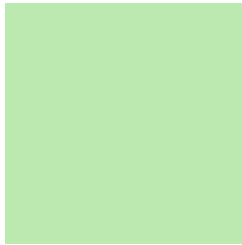
62.4940, 58.4235, 67.9728



18.7140, 17.3960, 20.4218

Previews

White Background



This preview shows how the YUV color 212.9330, -18.7010, -21.8662 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 212.9330, -18.7010, -21.8662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

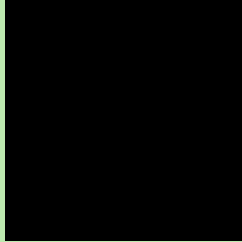
Any Text WCAG AA ✓ Pass

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 212.9330, -18.7010, -21.8662 Background



This preview shows how black text looks on a background with the YUV color 212.9330, -18.7010, -21.8662.



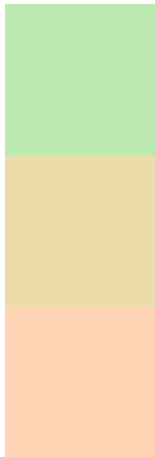
This preview shows how white text looks on a background with the YUV color 212.9330, -18.7010, -21.8662.

-21.8662.

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

212.9330, -18.7010, -21.8662

Protanopia

218.6710, -24.4878, 14.3205

Deuteranopia

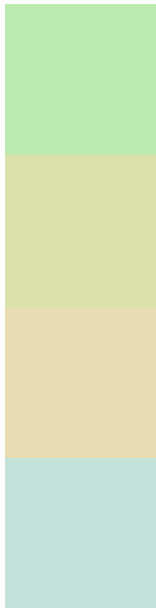
221.2090, -20.3160, 29.6347



Tritanopia

218.5770, 11.5475, -17.1690

Trichromacy



Original Color

212.9330, -18.7010, -21.8662

Protanomaly

216.7510, -22.5552, 1.0954

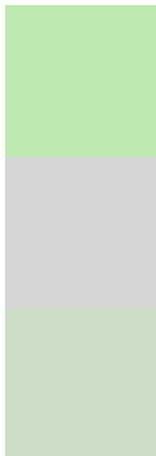
Deuteranomaly

218.5010, -19.9670, 10.9616

Tritanomaly

216.4060, 0.7858, -18.7731

Monochromacy



Original Color

212.9330, -18.7010, -21.8662

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.8220, -6.8142, -7.7369

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.9330, -18.7010, -21.8662 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(188, 233, 175)` looks like.

```
.text, #text, p{  
    color:rgb(188, 233, 175)  
}
```

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(188, 233, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 233, 175) }
```

Border

The CSS property to change the border of an element to YUV 212.9330, -18.7010, -21.8662 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(188, 233, 175) }
```


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

```
.border{ border-color:rgb(188, 233, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 233, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 233, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 233, 175);  
box-shadow:4px 4px 4px 4px rgb(188, 233,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 212.9330, -18.7010, -21.8662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 233, 175) }
```

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

```
.background{ background-color: rgb(188,  
233, 175) }
```

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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