

Converting Colors

YUV(212.9610, -21.1798,
-20.1368)

Have a look what the booklet for
YUV(212.9610, -21.1798, -20.1368)
contains.

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Color

**YUV(212.9610, -21.1798,
-20.1368)**

Conversions

Conversions Part 1

Format	Color
Hex	BEE9AA
RGB	190, 233, 170
RGB Percent	75%, 91%, 67%
CMY	0.2549, 0.0863, 0.3333
CMYK	0.18, 0.00, 0.27, 0.09
HSL	101°, 59%, 79%
HSV	101°, 27%, 91%
XYZ	57.6298, 72.1273, 48.9148
YIQ	212.9610, -5.4050, -28.7090

Conversions

Conversions Part 2

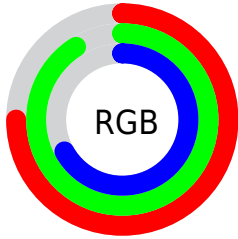
Format	Color
RYB	170, 233, 213
Decimal	12511658
CIELab	88.03, -25.21, 26.19
CIELCh	88, 36.349, 133.912
Yxy	72.1273, 0.3225, 0.4037
Android (android.graphics.Color)	4290701738 (0xFFBEE9AA)
YUV	212.9610, -21.1798, -20.1368
Hunter-Lab	84.9278, -27.4980, 25.3009

Details

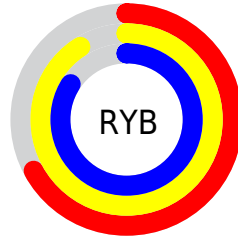
The YUV color **212.9610, -21.1798, -20.1368** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **190.0390, 21.1798, 20.1368**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.3020, -11.4879, -2.0189**, and **157.9010, -20.1642, -19.2072** is the 20% darker color. If you saturate the color by 10%, you get **205.5550, -28.8676, -27.6737**, and if you desaturate by 10%, it is **220.3670, -13.4919, -12.5999**.

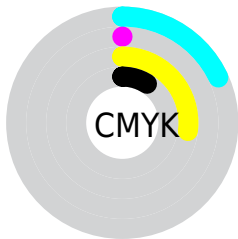
Distribution



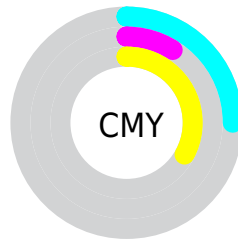
- Red (75%)
- Green (91%)
- Blue (67%)



- Red (67%)
- Yellow (91%)
- Blue (84%)



- Cyan (18%)
- Magenta (0%)
- Yellow (27%)
- Black (9%)



- Cyan (25%)
- Magenta (9%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.9610, -21.1798, -20.1368 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 212.9610, -21.1798, -20.1368 by changing the saturation by 10% instead.

■ 212.9610,
-21.1798, -20.1368

■ 212.9610,
-21.1798, -20.1368

255.0000, 0.0000,
0.0000

■ 185.3740,
-20.8904, -19.6220

■ 249.3020,
-11.4879, -2.0189

■ 157.9010,
-20.1642, -19.2072

254.8860, -0.4368,
0.1000

■ 131.4280,
-19.4380, -18.7924

■ 105.6560,
-18.5644, -18.9923

■ 81.1830, -17.8382,
-18.5775

■ 57.4110, -16.9646,
-18.7774

■ 34.1120, -16.8172,

-19.3922

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 212.9610,
-21.1798, -20.1368

■ 212.9610,
-21.1798, -20.1368

■ 205.5550,
-28.8676, -27.6737

■ 220.3670,
-13.4919, -12.5999

■ 198.0350,
-36.9923, -35.1107

■ 227.8870, -5.3673,
-5.1629

■ 190.6290,
-44.6801, -42.6476

■ 235.2930, 2.3206,
2.3740

■ 183.2230,
-52.3679, -50.1846

■ 241.7870, 6.5140,
10.7108

■ 175.7030,
-60.4926, -57.6215

■ 242.0860, 6.3666,
11.3256

■ 168.5960,
-68.3278, -64.5437

■ 161.1900,
-76.0157, -72.0806

■ 158.8970,
-78.3362, -74.4547

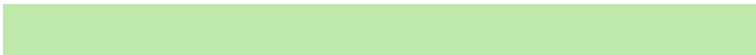
Harmonies

Analogous

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



217.4010, -31.7497, 10.1723



212.9610, -21.1798, -20.1368



207.9430, -3.9159, -50.8160

Triad

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



212.9610, -21.1798, -20.1368



208.6310, 22.8599, -52.2964



214.1940, -4.0396, 35.7869

Complementary

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



212.9610, -21.1798, -20.1368



190.0390, 21.1798, 20.1368

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.



219.3580, 10.6695, 31.2580



212.9610, -21.1798, -20.1368



217.1240, 18.6729, -15.8947

Square

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



212.9610, -21.1798, -20.1368



201.9760, 26.1408, -78.0320



223.5460, 15.5068, 19.6922



214.0680, -19.7535, 35.8974

Rectangle

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



212.9610, -21.1798, -20.1368



204.0900, 9.8156, -68.4849



223.5460, 15.5068, 19.6922



215.4480, 0.7651, 34.6871

Sweetspot

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



212.9610, -21.1798, -20.1368



248.5340, -6.6723, -6.6073



213.4910, -21.4411, 17.1094



123.8270, -4.3517, -4.2333



0.0000, 0.0000, 0.0000



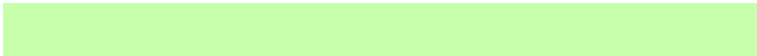
128.0000, 0.0000, 0.0000

Same Dimension

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



212.9610, -21.1798, -20.1368



228.9080, -27.5626, -26.2293



208.1210, -13.8637, -33.4321



113.3540, -3.6255, -3.8185



123.2900, -60.7820, -58.1363



36.7810, -18.1330, -17.3479

Inverse Universe

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



190.0390, 21.1798, 20.1368



199.0920, 27.5626, 26.2293



194.7650, 13.4269, 33.5321



109.6460, 3.6255, 3.8185



57.7100, 60.7820, 58.1363



17.2190, 18.1330, 17.3479

Previews

White Background



This preview shows how the YUV color 212.9610, -21.1798, -20.1368 looks on a white background.

Color Contrast Check

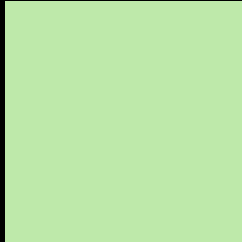
Large Text (above 18pt) WCAG AA × Fail

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 212.9610, -21.1798, -20.1368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

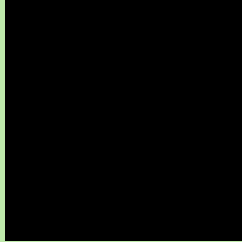
Any Text WCAG AA ✓ Pass

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 212.9610, -21.1798, -20.1368 Background



This preview shows how black text looks on a background with the YUV color 212.9610, -21.1798, -20.1368.



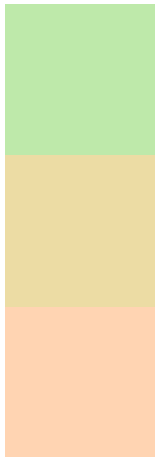
This preview shows how white text looks on a background with the YUV color 212.9610, -21.1798, -20.1368.

-20.1368.

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

212.9610, -21.1798, -20.1368

Protanopia

218.4000, -26.8192, 15.4352

Deuteranopia

220.9810, -21.1896, 29.8347



Tritanopia

219.0610, 10.8159, -15.8395

Trichromacy



Original Color

212.9610, -21.1798, -20.1368

Protanomaly

216.4800, -24.8866, 2.2100

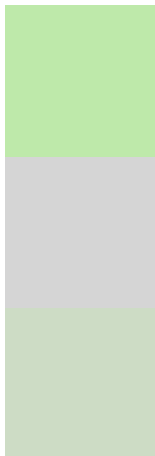
Deuteranomaly

218.1590, -21.2774, 11.2616

Tritanomaly

216.6620, -0.8194, -17.2436

Monochromacy



Original Color

212.9610, -21.1798, -20.1368

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.8930, -7.8352, -6.9222

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.9610, -21.1798, -20.1368 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, 233, 170)` looks like.

```
.text, #text, p{  
    color:rgb(190, 233, 170)  
}
```

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, 233, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 233, 170) }
```

Border

The CSS property to change the border of an element to YUV 212.9610, -21.1798, -20.1368 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, 233, 170) }
```


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

```
.border{ border-color:rgb(190, 233, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 233, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 233, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 233, 170);  
box-shadow:4px 4px 4px 4px rgb(190, 233,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 212.9610, -21.1798, -20.1368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 233, 170) }
```

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

```
.background{ background-color: rgb(190,  
233, 170) }
```

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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