

Converting Colors

YUV(213.0070, -10.8495,
-20.1771)

Have a look what the booklet for
YUV(213.0070, -10.8495, -20.1771)
contains.

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Color

**YUV(213.0070, -10.8495,
-20.1771)**

Conversions

Conversions Part 1

Format	Color
Hex	BEE5BF
RGB	190, 229, 191
RGB Percent	75%, 90%, 75%
CMY	0.2549, 0.1020, 0.2510
CMYK	0.17, 0.00, 0.17, 0.10
HSL	122°, 43%, 82%
HSV	122°, 17%, 90%
XYZ	58.6585, 70.7474, 59.8542
YIQ	213.0070, -11.0460, -20.0860

Conversions

Conversions Part 2

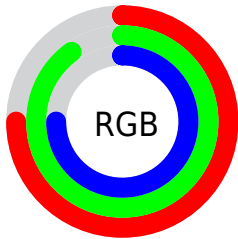
Format	Color
RYB	190, 228, 229
Decimal	12510655
CIELab	87.36, -19.83, 14.37
CIELCh	87, 24.492, 144.060
Yxy	70.7474, 0.3099, 0.3738
Android (android.graphics.Color)	4290700735 (0xFFBEE5BF)
YUV	213.0070, -10.8495, -20.1771
Hunter-Lab	84.1115, -22.7109, 16.6869

Details

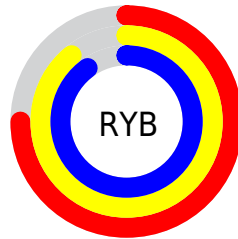
The YUV color $213.0070, -10.8495, -20.1771$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $205.9930, 10.8495, 20.1771$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.6960, -2.3151, -4.1184$, and $157.9470, -9.8339, -19.2475$ is the 20% darker color. If you saturate the color by 10%, you get $203.6220, -17.0686, -32.1175$, and if you desaturate by 10%, it is $222.3920, -4.6303, -8.2368$.

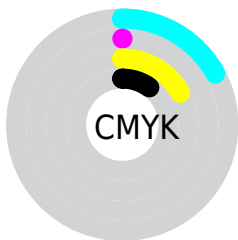
Distribution



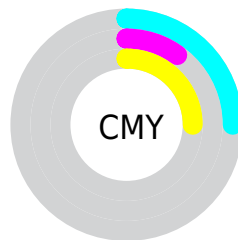
- Red (75%)
- Green (90%)
- Blue (75%)



- Red (75%)
- Yellow (89%)
- Blue (90%)



- Cyan (17%)
- Magenta (0%)
- Yellow (17%)
- Black (10%)



- Cyan (25%)
- Magenta (10%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.0070, -10.8495, -20.1771 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 213.0070, -10.8495, -20.1771 by changing the saturation by 10% instead.

■ 213.0070,
-10.8495, -20.1771

■ 213.0070,
-10.8495, -20.1771

255.0000, 0.0000,
0.0000

■ 185.4200,
-10.5601, -19.6623

■ 251.6960, -2.3151,
-4.1184

■ 157.9470, -9.8339,
-19.2475

■ 131.9470, -9.8339,
-19.2475

■ 106.4740, -9.1077,
-18.8327

■ 81.8870, -8.8183,
-18.3179

■ 58.4140, -8.0921,
-17.9031

■ 35.6420, -7.2185,

-18.1030

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 213.0070,
-10.8495, -20.1771

■ 213.0070,
-10.8495, -20.1771

■ 203.6220,
-17.0686, -32.1175

■ 222.3920, -4.6303,
-8.2368

■ 194.1230,
-23.7246, -43.9579

■ 231.8910, 2.0257,
3.6036

■ 184.7380,
-29.9438, -55.8982

■ 239.7380, 7.5242,
13.3848

■ 175.3530,
-36.1630, -67.8386

■ 166.1530,
-42.9664, -79.0642

■ 156.7680,
-49.1856, -91.0045

■ 147.3830,
-55.4048, -102.9449

■ 137.8840,
-62.0608, -114.7853

■ 135.1070,
-63.6498, -118.4888

Harmonies

Analogous

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



215.8480, -19.6451, 1.0103



213.0070, -10.8495, -20.1771



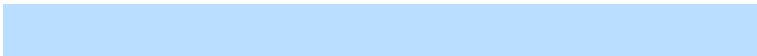
210.3990, 1.2823, -38.0609

Triad

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



213.0070, -10.8495, -20.1771



214.9980, 19.7210, -25.4312



218.3200, -8.5388, 32.1684

Complementary

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



213.0070, -10.8495, -20.1771



205.9930, 10.8495, 20.1771

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.



220.9420, 1.5076, 29.8689



213.0070, -10.8495, -20.1771



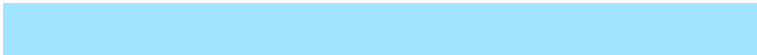
220.1580, 17.1771, -2.7696

Square

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



213.0070, -10.8495, -20.1771



211.9310, 21.2330, -43.7895



222.9220, 11.8705, 19.3624



219.0890, -18.2849, 31.4939

Rectangle

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



213.0070, -10.8495, -20.1771



209.2330, 9.7451, -45.8083



222.9220, 11.8705, 19.3624



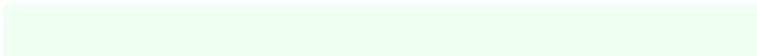
219.2320, -5.0444, 31.3685

Sweetspot

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



213.0070, -10.8495, -20.1771



249.7450, -3.3253, -6.7924



224.2550, -16.8877, 3.2844



124.6960, -2.3151, -4.1184



0.0000, 0.0000, 0.0000



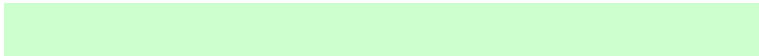
128.0000, 0.0000, 0.0000

Same Dimension

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



213.0070, -10.8495, -20.1771



234.0510, -14.3221, -26.3547



215.1730, -2.5503, -22.0767



110.1580, -3.0359, -6.2776



105.6430, -49.6170, -92.6489



30.0510, -14.3221, -26.3547

Inverse Universe

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



205.9930, 10.8495, 20.1771



224.9490, 14.3221, 26.3547



203.8270, 2.5503, 22.0767



107.8420, 3.0359, 6.2776



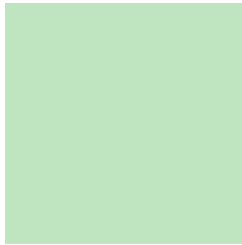
73.3570, 49.6170, 92.6489



20.9490, 14.3221, 26.3547

Previews

White Background



This preview shows how the YUV color 213.0070, -10.8495, -20.1771 looks on a white background.

Color Contrast Check

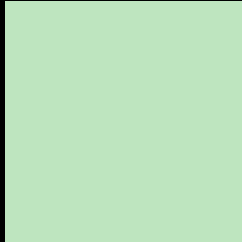
Large Text (above 18pt) WCAG AA × Fail

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 213.0070, -10.8495, -20.1771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

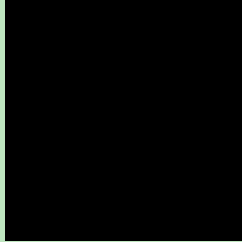
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

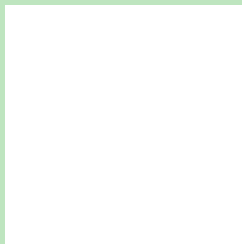
Any Text WCAG AAA ✓ Pass

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

YUV 213.0070, -10.8495, -20.1771 Background



This preview shows how black text looks on a background with the YUV color 213.0070, -10.8495, -20.1771.



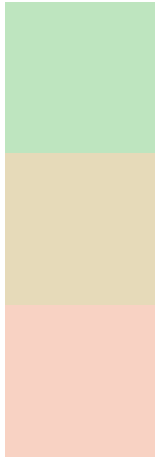
This preview shows how white text looks on a background with the YUV color 213.0070, -10.8495, -20.1771.

-20.1771.

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

213.0070, -10.8495, -20.1771

Protanopia

217.8260, -16.1832, 10.6766

Deuteranopia

219.6520, -12.1534, 24.8612



Tritanopia

216.8760, 11.4001, -16.5543

Trichromacy



Original Color

213.0070, -10.8495, -20.1771

Protanomaly

215.9170, -14.2561, -0.8042

Deuteranomaly

217.3680, -11.5204, 8.4473

Tritanomaly

215.6880, 3.1118, -18.1434

Monochromacy



Original Color

213.0070, -10.8495, -20.1771

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.2180, -4.0515, -7.2072

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.0070, -10.8495, -20.1771 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, 229, 191)` looks like.

```
.text, #text, p{  
    color:rgb(190, 229, 191)  
}
```

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, 229, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 229, 191) }
```

Border

The CSS property to change the border of an element to YUV 213.0070, -10.8495, -20.1771 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, 229, 191) }
```


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

```
.border{ border-color:rgb(190, 229, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 229, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 229, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 229, 191);  
box-shadow:4px 4px 4px 4px rgb(190, 229,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 213.0070, -10.8495, -20.1771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 229, 191) }
```

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

```
.background{ background-color: rgb(190,  
229, 191) }
```

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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