

Converting Colors

YUV(212.8070, -17.6529,
-31.4027)

Have a look what the booklet for
YUV(212.8070, -17.6529, -31.4027)
contains.

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Color

**YUV(212.8070, -17.6529,
-31.4027)**

Conversions

Conversions Part 1

Format	Color
Hex	B1EEB1
RGB	177, 238, 177
RGB Percent	69%, 93%, 69%
CMY	0.3059, 0.0667, 0.3059
CMYK	0.26, 0.00, 0.26, 0.07
HSL	120°, 64%, 81%
HSV	120°, 26%, 93%
XYZ	56.6418, 73.6705, 52.8295
YIQ	212.8070, -16.7750, -31.9030

Conversions

Conversions Part 2

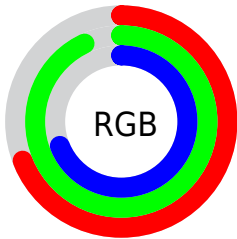
Format	Color
RYB	177, 238, 238
Decimal	11660977
CIELab	88.77, -30.82, 23.47
CIELCh	89, 38.740, 142.703
Yxy	73.6705, 0.3093, 0.4023
Android (android.graphics.Color)	4289851057 (0xFFB1EEB1)
YUV	212.8070, -17.6529, -31.4027
Hunter-Lab	85.8315, -32.4097, 23.5890

Details

The YUV color **212.8070, -17.6529, -31.4027** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **202.1930, 17.6529, 31.4027**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.2130, -6.5140, -10.7108**, and **157.7470, -16.6373, -30.4731** is the 20% darker color. If you saturate the color by 10%, you get **202.8950, -24.5982, -43.7579**, and if you desaturate by 10%, it is **222.7190, -10.7075, -19.0476**.

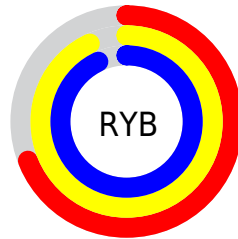
Distribution



Red (69%)

Green (93%)

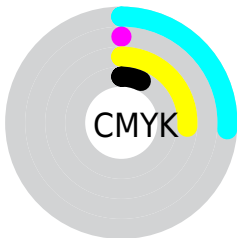
Blue (69%)



Red (69%)

Yellow (93%)

Blue (93%)

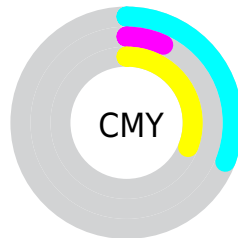


Cyan (26%)

Magenta (0%)

Yellow (26%)

Black (7%)



Cyan (31%)

Magenta (7%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.8070, -17.6529, -31.4027 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 212.8070, -17.6529, -31.4027 by changing the saturation by 10% instead.

■ 212.8070,
-17.6529, -31.4027

■ 212.8070,
-17.6529, -31.4027

255.0000, 0.0000,
0.0000

■ 185.2200,
-17.3635, -30.8879

■ 246.2130, -6.5140,
-10.7108

■ 157.7470,
-16.6373, -30.4731

■ 131.2740,
-15.9111, -30.0583

■ 104.9150,
-14.7481, -29.7435

■ 80.0290, -14.3113,
-29.8434

■ 55.0610, -12.8481,
-32.5025

■ 32.9690, -13.2957,

-28.9138

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 212.8070,
-17.6529, -31.4027

■ 212.8070,
-17.6529, -31.4027

■ 202.8950,
-24.5982, -43.7579

■ 222.7190,
-10.7075, -19.0476

■ 192.9830,
-31.5436, -56.1131

■ 232.6310, -3.7621,
-6.6924

■ 183.4840,
-38.1996, -67.9535

■ 242.1300, 2.8939,
5.1480

■ 173.5720,
-45.1450, -80.3086

■ 245.0210, 4.9196,
8.7516

■ 163.6600,
-52.0904, -92.6638

■ 153.7480,
-59.0358, -105.0190

■ 143.8360,
-65.9811, -117.3742

■ 139.7060,
-68.8751, -122.5222

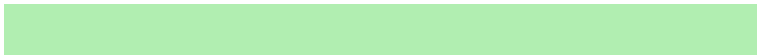
Harmonies

Analogous

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



217.7590, -31.4332, 1.9654



212.8070, -17.6529, -31.4027



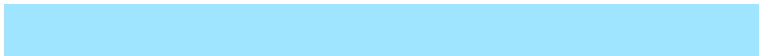
206.8750, 2.5266, -63.9114

Triad

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



212.8070, -17.6529, -31.4027



211.3330, 21.5278, -45.0190



213.6410, -8.6970, 36.2718

Complementary

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



212.8070, -17.6529, -31.4027



202.1930, 17.6529, 31.4027

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.



217.8590, 7.4645, 32.5727



212.8070, -17.6529, -31.4027



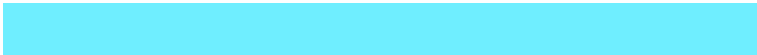
220.7340, 16.8931, -5.0287

Square

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



212.8070, -17.6529, -31.4027



201.9650, 26.1463, -79.7763



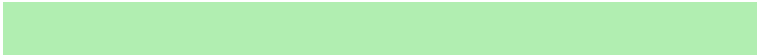
225.0630, 14.7589, 26.2547



215.5040, -24.4055, 34.6380

Rectangle

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



212.8070, -17.6529, -31.4027



202.3640, 17.5685, -81.8802



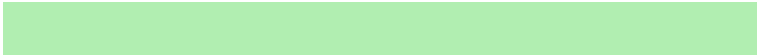
225.0630, 14.7589, 26.2547



214.4220, -3.1660, 35.5869

Sweetspot

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



212.8070, -17.6529, -31.4027



246.7400, -5.7878, -10.2960



231.0460, -26.6447, 6.0987



122.6310, -3.7621, -6.6924



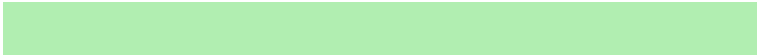
0.0000, 0.0000, 0.0000



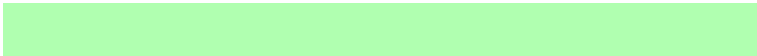
128.0000, 0.0000, 0.0000

Same Dimension

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



212.8070, -17.6529, -31.4027



222.3730, -22.8619, -40.6691



216.2270, -4.5489, -34.4021



115.0440, -3.4727, -6.1776



108.0080, -53.2479, -94.7230



32.8720, -16.2059, -28.8287

Inverse Universe

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



202.1930, 17.6529, 31.4027



208.6270, 22.8619, 40.6691



198.6590, 4.1121, 34.5021



112.9560, 3.4727, 6.1776



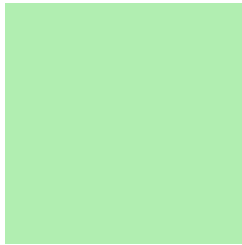
75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287

Previews

White Background



This preview shows how the YUV color 212.8070, -17.6529, -31.4027 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 212.8070, -17.6529, -31.4027 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 212.8070, -17.6529, -31.4027 Background



This preview shows how black text looks on a background with the YUV color 212.8070, -17.6529, -31.4027.



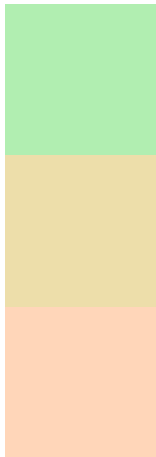
This preview shows how white text looks on a background with the YUV color 212.8070, -17.6529, -31.4027.

-31.4027.

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

212.8070, -17.6529, -31.4027

Protanopia

220.5570, -24.9246, 14.4205

Deuteranopia

222.9530, -18.7108, 28.1052



Tritanopia

219.0920, 13.7586, -26.3907

Trichromacy



Original Color

212.8070, -17.6529, -31.4027

Protanomaly

217.8430, -22.1076, -2.4933

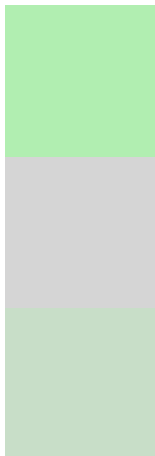
Deuteranomaly

219.5220, -18.4983, 6.5582

Tritanomaly

216.8070, 2.5601, -27.8947

Monochromacy



Original Color

212.8070, -17.6529, -31.4027

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.9140, -6.3666, -11.3256

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.8070, -17.6529, -31.4027 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(177, 238, 177)` looks like.

```
.text, #text, p{  
    color:rgb(177, 238, 177)  
}
```

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(177, 238, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 238, 177) }
```

Border

The CSS property to change the border of an element to YUV 212.8070, -17.6529, -31.4027 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(177, 238, 177) }
```


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

```
.border{ border-color:rgb(177, 238, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 238, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 238, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 238, 177);  
box-shadow:4px 4px 4px 4px rgb(177, 238,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 212.8070, -17.6529, -31.4027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 238, 177) }
```

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

```
.background{ background-color: rgb(177,  
238, 177) }
```

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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