

Converting Colors

YUV(212.8530, -24.0845,
-21.7961)

Have a look what the booklet for
YUV(212.8530, -24.0845, -21.7961)
contains.

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Color

**YUV(212.8530, -24.0845,
-21.7961)**

Conversions

Conversions Part 1

Format	Color
Hex	BCEBA4
RGB	188, 235, 164
RGB Percent	74%, 92%, 64%
CMY	0.2627, 0.0784, 0.3569
CMYK	0.20, 0.00, 0.30, 0.08
HSL	100°, 64%, 78%
HSV	100°, 30%, 92%
XYZ	57.1482, 72.7884, 46.1595
YIQ	212.8530, -5.2210, -32.0450

Conversions

Conversions Part 2

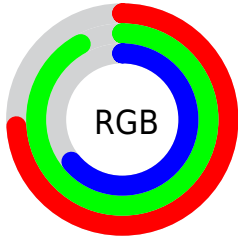
Format	Color
RYB	164, 235, 211
Decimal	12381092
CIELab	88.35, -27.76, 29.66
CIELCh	88, 40.626, 133.099
Yxy	72.7884, 0.3245, 0.4133
Android (android.graphics.Color)	4290571172 (0xFFBCEBA4)
YUV	212.8530, -24.0845, -21.7961
Hunter-Lab	85.3161, -29.7366, 27.6430

Details

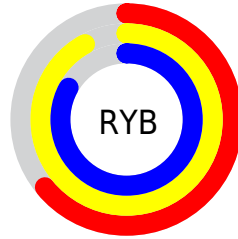
The YUV color $212.8530, -24.0845, -21.7961$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $186.1470, 24.0845, 21.7961$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.9060, -14.2507, -2.5486$, and $157.9070, -22.6322, -20.9664$ is the 20% darker color. If you saturate the color by 10%, you get $205.4470, -31.7724, -29.3330$, and if you desaturate by 10%, it is $220.3730, -15.9599, -14.3591$.

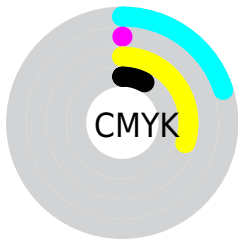
Distribution



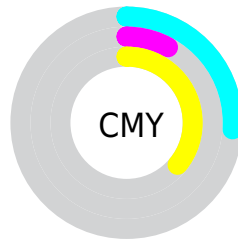
- Red (74%)
- Green (92%)
- Blue (64%)



- Red (64%)
- Yellow (92%)
- Blue (83%)



- Cyan (20%)
- Magenta (0%)
- Yellow (30%)
- Black (8%)



- Cyan (26%)
- Magenta (8%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.8530, -24.0845, -21.7961 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 212.8530, -24.0845, -21.7961 by changing the saturation by 10% instead.

■ 212.8530,
-24.0845, -21.7961

■ 212.8530,
-24.0845, -21.7961

255.0000, 0.0000,
0.0000

■ 184.9670,
-23.6477, -21.8961

■ 247.9060,
-14.2507, -2.5486

■ 157.9070,
-22.6322, -20.9664

■ 254.2020, -3.0576,
0.6998

■ 131.1350,
-21.7586, -21.1664

■ 105.6620,
-21.0324, -20.7516

■ 80.7760, -20.5956,
-20.8516

■ 56.5910, -20.0114,
-21.5663

■ 33.5030, -16.5170,

-22.3661

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,
0.0000

■ 212.8530,
-24.0845, -21.7961

■ 212.8530,
-24.0845, -21.7961

■ 205.4470,
-31.7724, -29.3330

■ 220.3730,
-15.9599, -14.3591

■ 198.2260,
-40.0444, -36.1552

■ 227.4800, -8.1246,
-7.4370

■ 190.8200,
-47.7323, -43.6921

■ 235.0000, 0.0000,
0.0000

■ 183.5990,
-56.0043, -50.5143

■ 241.7650, 6.5249,
7.2221

■ 176.1930,
-63.6921, -58.0513

■ 243.2600, 5.7878,
10.2960

■ 168.9720,
-71.9642, -64.8734

■ 161.5660,
-79.6520, -72.4104

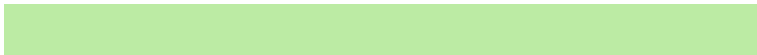
Harmonies

Analogous

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



217.7880, -35.3915, 11.5869



212.8530, -24.0845, -21.7961



206.1980, -4.0416, -57.1786

Triad

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



212.8530, -24.0845, -21.7961



205.6190, 24.3448, -61.9329



213.0200, -3.4609, 36.8165

Complementary

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



212.8530, -24.0845, -21.7961



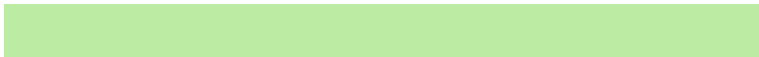
186.1470, 24.0845, 21.7961

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.



218.6400, 12.9955, 31.8877



212.8530, -24.0845, -21.7961



216.5150, 18.9731, -18.8687

Square

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



212.8530, -24.0845, -21.7961



196.5610, 28.8104, -94.3310



224.1440, 15.2120, 20.9217



212.5520, -20.4851, 37.2269

Rectangle

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



212.8530, -24.0845, -21.7961



201.4800, 11.5954, -79.3510



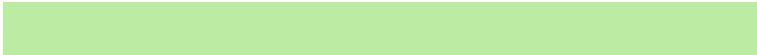
224.1440, 15.2120, 20.9217



213.9150, 2.5069, 36.0315

Sweetspot

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



212.8530, -24.0845, -21.7961



247.8930, -7.8352, -6.9222



212.2310, -23.7779, 19.9684



123.3000, -5.0779, -4.6481



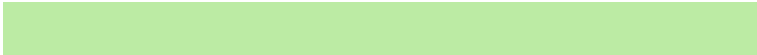
0.0000, 0.0000, 0.0000



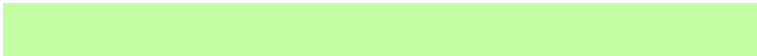
128.0000, 0.0000, 0.0000

Same Dimension

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



212.8530, -24.0845, -21.7961



226.2730, -31.1936, -28.3034



206.9310, -15.7420, -37.6505



113.6530, -3.7729, -3.2037



124.4860, -61.3716, -55.6772



37.0800, -18.2804, -16.7332

Inverse Universe

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



186.1470, 24.0845, 21.7961



191.7270, 31.1936, 28.3034



192.0690, 15.7420, 37.6505



109.3470, 3.7729, 3.2037



56.5140, 61.3716, 55.6772



16.6210, 18.4278, 16.1184

Previews

White Background



This preview shows how the YUV color 212.8530, -24.0845, -21.7961 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 212.8530, -24.0845, -21.7961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

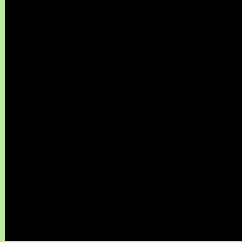
Any Text WCAG AA ✓ Pass

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 212.8530, -24.0845, -21.7961 Background



This preview shows how black text looks on a background with the YUV color 212.8530, -24.0845, -21.7961.



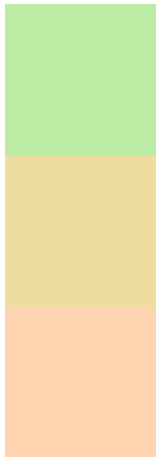
This preview shows how white text looks on a background with the YUV color 212.8530, -24.0845, -21.7961.

-21.7961.

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

212.8530, -24.0845, -21.7961

Protanopia

218.9010, -30.0242, 16.7498

Deuteranopia

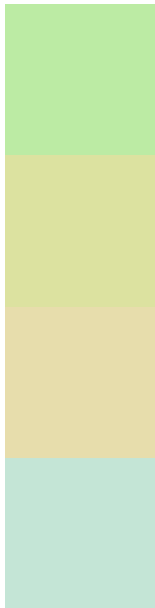
221.4540, -21.9158, 29.4198



Tritanopia

219.5770, 11.5475, -17.1690

Trichromacy



Original Color

212.8530, -24.0845, -21.7961

Protanomaly

216.6820, -27.9442, 2.9099

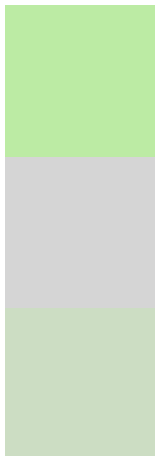
Deuteranomaly

218.4040, -22.8772, 11.0467

Tritanomaly

217.4230, -1.6875, -18.7880

Monochromacy



Original Color

212.8530, -24.0845, -21.7961

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.9530, -8.8508, -7.8518

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.8530, -24.0845, -21.7961 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, 235, 164)` looks like.

```
.text, #text, p{  
    color:rgb(188, 235, 164)  
}
```

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, 235, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 235, 164) }
```

Border

The CSS property to change the border of an element to YUV 212.8530, -24.0845, -21.7961 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, 235, 164) }
```


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

```
.border{ border-color:rgb(188, 235, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 235, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 235, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 235, 164); box-shadow:4px 4px 4px 4px rgb(188, 235, 164) }
```

Background

The CSS property to change the background color of an element to YUV 212.8530, -24.0845, -21.7961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 235, 164) }
```

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

```
.background{ background-color: rgb(188,  
235, 164) }
```

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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