

Converting Colors

YUV(214.0690, -38.4880,
-21.9855)

Have a look what the booklet for
YUV(214.0690, -38.4880, -21.9855)
contains.

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Color

**YUV(214.0690, -38.4880,
-21.9855)**

Conversions

Conversions Part 1

Format	Color
Hex	BDF288
RGB	189, 242, 136
RGB Percent	74%, 95%, 53%
CMY	0.2588, 0.0510, 0.4667
CMYK	0.22, 0.00, 0.44, 0.05
HSL	90°, 80%, 74%
HSV	90°, 44%, 95%
XYZ	57.1823, 76.1007, 34.9676
YIQ	214.0690, 2.4380, -44.2020

Conversions

Conversions Part 2

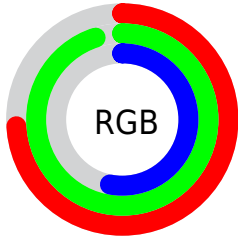
Format	Color
RYB	136, 242, 189
Decimal	12448392
CIELab	89.91, -34.40, 45.64
CIELCh	90, 57.146, 127.006
Yxy	76.1007, 0.3399, 0.4523
Android (android.graphics.Color)	4290638472 (0xFFBDF288)
YUV	214.0690, -38.4880, -21.9855
Hunter-Lab	87.2357, -35.6571, 37.2991

Details

The YUV color **214.0690, -38.4880, -21.9855** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **163.9310, 38.4880, 21.9855**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.3120, -26.7758, 1.4804**, and **158.5250, -36.7408, -22.3854** is the 20% darker color. If you saturate the color by 10%, you get **207.7450, -47.2023, -26.9634**, and if you desaturate by 10%, it is **220.3930, -29.7737, -17.0077**.

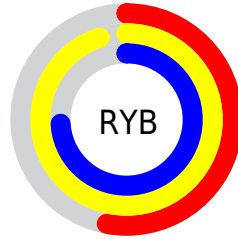
Distribution



Red (74%)

Green (95%)

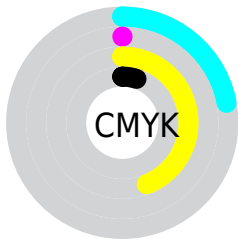
Blue (53%)



Red (53%)

Yellow (95%)

Blue (74%)

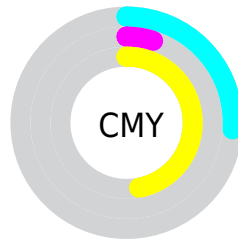


Cyan (22%)

Magenta (0%)

Yellow (44%)

Black (5%)



Cyan (26%)

Magenta (5%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.0690, -38.4880, -21.9855 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 214.0690, -38.4880, -21.9855 by changing the saturation by 10% instead.

■ 214.0690,
-38.4880, -21.9855

■ 214.0690,
-38.4880, -21.9855

255.0000, 0.0000,
0.0000

■ 185.7100,
-37.3250, -21.6707

■ 245.3120,
-26.7758, 1.4804

■ 158.5250,
-36.7408, -22.3854

■ 250.8960,
-15.7247, 3.5992

■ 131.3510,
-36.1620, -21.3558

■ 254.2020, -3.0576,
0.6998

■ 105.0520,
-36.0146, -21.9706

■ 78.9550, -38.9248,
-21.8855

■ 55.9080, -27.5626,
-26.2293

■ 34.0460, -16.7847,

-29.8583

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,
0.0000

■ 214.0690,
-38.4880, -21.9855

■ 214.0690,
-38.4880, -21.9855

■ 207.7450,
-47.2023, -26.9634

■ 220.3930,
-29.7737, -17.0077

■ 201.4210,
-55.9166, -31.9412

■ 226.7170,
-21.0595, -12.0298

■ 194.9830,
-65.0676, -36.8191

■ 233.1550,
-11.9084, -7.1519

■ 188.6590,
-73.7819, -41.7969

■ 239.4790, -3.1941,
-2.1741

■ 182.3350,
-82.4962, -46.7748

■ 245.5750, 4.6465,
3.0037

■ 178.2330,
-87.8689, -50.1933

■ 247.3690, 3.7621,
6.6924

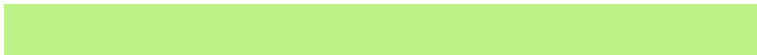
Harmonies

Analogous

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



220.2120, -51.8695, 23.4931



214.0690, -38.4880, -21.9855



202.7690, -10.2391, -76.0964

Triad

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



214.0690, -38.4880, -21.9855



171.7110, 41.0615, -150.5905



207.0020, 3.9430, 42.0942

Complementary

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



214.0690, -38.4880, -21.9855



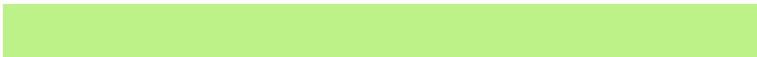
163.9310, 38.4880, 21.9855

Split Complementary

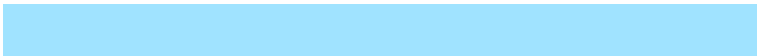
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215.6710, 19.3892, 34.4915



214.0690, -38.4880, -21.9855



210.1590, 22.1066, -43.9894

Square

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



214.0690, -38.4880, -21.9855



176.9940, 38.4570, -155.2237



224.7310, 14.9226, 20.4069



206.3570, -21.3750, 42.6599

Rectangle

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



214.0690, -38.4880, -21.9855



180.0440, 19.2053, -140.3586



224.7310, 14.9226, 20.4069



209.7550, 11.9528, 39.6799

Sweetspot

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



214.0690, -38.4880, -21.9855



246.1550, -11.9084, -7.1519



198.8050, -30.9629, 37.8820



122.3170, -7.5513, -4.6630



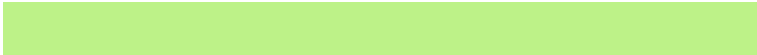
0.0000, 0.0000, 0.0000



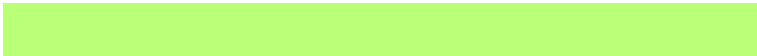
128.0000, 0.0000, 0.0000

Same Dimension

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



214.0690, -38.4880, -21.9855



219.2780, -48.9441, -28.3078



198.2220, -30.6754, -54.5687



116.8380, -4.3571, -2.4889



135.5160, -66.8094, -38.1635



41.2440, -20.3333, -11.6150

Inverse Universe

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



163.9310, 38.4880, 21.9855



155.4230, 49.0915, 27.6930



179.7780, 30.6754, 54.5687



111.1620, 4.3571, 2.4889



48.4840, 66.8094, 38.1635



14.7560, 20.3333, 11.6150

Previews

White Background



This preview shows how the YUV color 214.0690, -38.4880, -21.9855 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 214.0690, -38.4880, -21.9855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

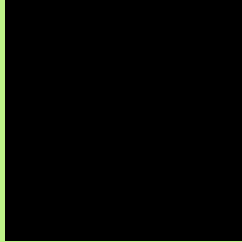
Any Text WCAG AA ✓ Pass

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 214.0690, -38.4880, -21.9855 Background



This preview shows how black text looks on a background with the YUV color 214.0690, -38.4880, -21.9855.



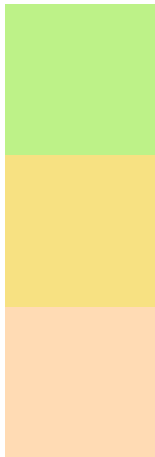
This preview shows how white text looks on a background with the YUV color 214.0690, -38.4880, -21.9855.

-21.9855.

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

214.0690, -38.4880, -21.9855

Protanopia

220.7480, -44.7388, 23.0230

Deuteranopia

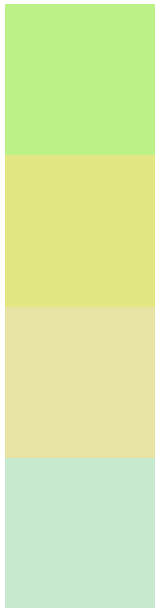
225.3180, -22.3418, 26.0311



Tritanopia

223.8760, 11.4001, -16.5543

Trichromacy



Original Color

214.0690, -38.4880, -21.9855

Protanomaly

218.2190, -42.5060, 6.8239

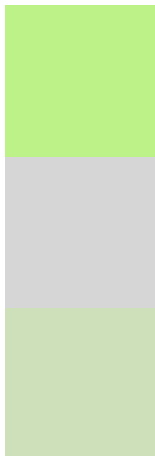
Deuteranomaly

221.0140, -28.1079, 8.7577

Tritanomaly

220.4570, -6.6343, -18.8178

Monochromacy



Original Color

214.0690, -38.4880, -21.9855

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.9870, -13.7976, -7.8816

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.0690, -38.4880, -21.9855 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(189, 242, 136)` looks like.

```
.text, #text, p{  
    color:rgb(189, 242, 136)  
}
```

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(189, 242, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 242, 136) }
```

Border

The CSS property to change the border of an element to YUV 214.0690, -38.4880, -21.9855 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(189, 242, 136) }
```


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

```
.border{ border-color:rgb(189, 242, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 242, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 242, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 242, 136);  
box-shadow:4px 4px 4px 4px rgb(189, 242,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 214.0690, -38.4880, -21.9855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 242, 136) }
```

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

```
.background{ background-color: rgb(189,  
242, 136) }
```

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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