

Converting Colors

YUV(220.1690, -30.1563,
-34.3512)

Have a look what the booklet for
YUV(220.1690, -30.1563, -34.3512)
contains.

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Color

**YUV(220.1690, -30.1563,
-34.3512)**

Conversions

Conversions Part 1

Format	Color
Hex	B5FC9F
RGB	181, 252, 159
RGB Percent	71%, 99%, 62%
CMY	0.2902, 0.0118, 0.3765
CMYK	0.28, 0.00, 0.37, 0.01
HSL	106°, 94%, 81%
HSV	106°, 37%, 99%
XYZ	60.1245, 81.9478, 45.4495
YIQ	220.1690, -12.4630, -43.9750

Conversions

Conversions Part 2

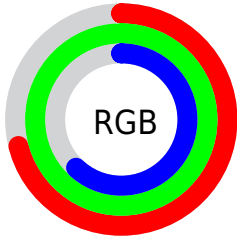
Format	Color
RYB	159, 252, 230
Decimal	11926687
CIELab	92.55, -38.68, 37.69
CIELCh	93, 54.006, 135.745
Yxy	81.9478, 0.3206, 0.4370
Android (android.graphics.Color)	4290116767 (0xFFB5FC9F)
YUV	220.1690, -30.1563, -34.3512
Hunter-Lab	90.5250, -39.8635, 33.6000

Details

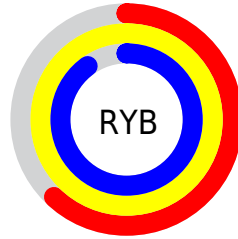
The YUV color $220.1690, -30.1563, -34.3512$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $190.8310, 30.1563, 34.3512$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.5420, -15.5502, -5.7373$, and $164.2230, -28.7039, -33.5216$ is the 20% darker color. If you saturate the color by 10%, you get $211.6380, -38.2755, -43.5325$, and if you desaturate by 10%, it is $228.7000, -22.0371, -25.1699$.

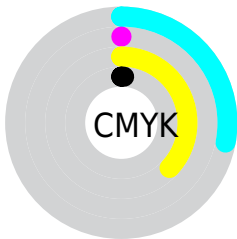
Distribution



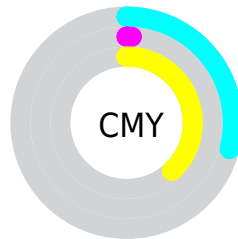
- Red (71%)
- Green (99%)
- Blue (62%)



- Red (62%)
- Yellow (99%)
- Blue (90%)



- Cyan (28%)
- Magenta (0%)
- Yellow (37%)
- Black (1%)



- Cyan (29%)
- Magenta (1%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.1690, -30.1563, -34.3512 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 220.1690, -30.1563, -34.3512 by changing the saturation by 10% instead.

■ 220.1690,
-30.1563, -34.3512

■ 220.1690,
-30.1563, -34.3512

255.0000, 0.0000,
0.0000

■ 191.6960,
-29.4301, -33.9364

■ 245.5420,
-15.5502, -5.7373

■ 164.2230,
-28.7039, -33.5216

■ 253.6320, -5.2416,
1.1997

■ 137.4510,
-27.8303, -33.7215

■ 110.6790,
-26.9567, -33.9215

■ 84.3090, -25.7883,
-35.3510

■ 56.2760, -25.7721,
-40.5841

■ 38.1550, -18.8104,

-33.4619

■ 25.2410, -12.4438,
-22.1364

■ 9.3920, -4.6303,
-8.2368

■ 220.1690,
-30.1563, -34.3512

■ 220.1690,
-30.1563, -34.3512

■ 211.6380,
-38.2755, -43.5325

■ 228.7000,
-22.0371, -25.1699

■ 203.1070,
-46.3948, -52.7138

■ 237.2310,
-13.9179, -15.9886

■ 194.1630,
-54.8034, -62.4100

■ 246.1750, -5.5093,
-6.2925

■ 185.6320,
-62.9226, -71.5913

■ 253.2390, 0.8682,
1.5444

■ 177.1010,
-71.0418, -80.7726

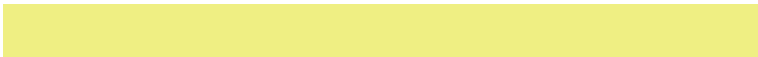
■ 168.5700,
-79.1610, -89.9539

■ 165.8640,
-81.7710, -92.8427

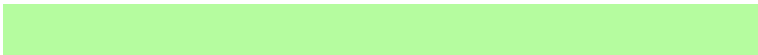
Harmonies

Analogous

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



226.6880, -47.1742, 10.7976



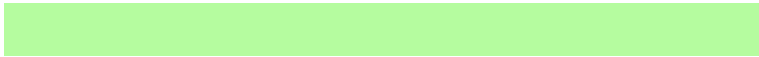
220.1690, -30.1563, -34.3512



205.7600, 0.1183, -84.8585

Triad

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



220.1690, -30.1563, -34.3512



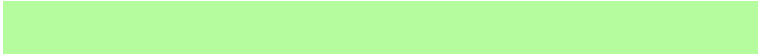
202.7740, 25.7474, -91.8868



213.2480, -2.5873, 36.6165

Complementary

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



220.1690, -30.1563, -34.3512



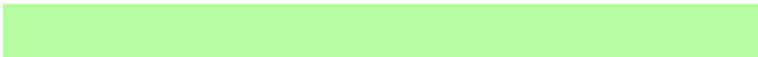
190.8310, 30.1563, 34.3512

Split Complementary

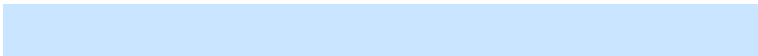
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219.7800, 17.3635, 30.8879



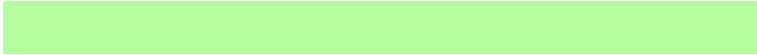
220.1690, -30.1563, -34.3512



223.5920, 15.4841, -19.8132

Square

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



220.1690, -30.1563, -34.3512



178.7550, 37.5888, -156.7681



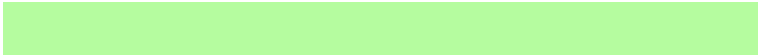
228.5850, 13.0226, 23.1660



214.3470, -26.3001, 35.6527

Rectangle

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



220.1690, -30.1563, -34.3512



182.6550, 29.2571, -144.4024



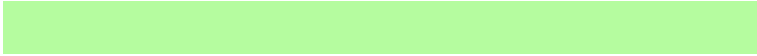
228.5850, 13.0226, 23.1660



214.5990, 5.1277, 35.4317

Sweetspot

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



220.1690, -30.1563, -34.3512



245.5290, -9.1348, -10.1109



227.8970, -33.9662, 21.1383



122.1750, -5.5093, -6.2925



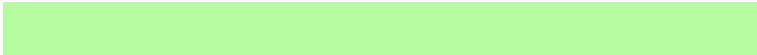
0.0000, 0.0000, 0.0000



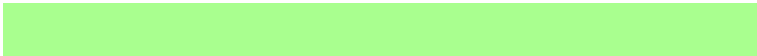
128.0000, 0.0000, 0.0000

Same Dimension

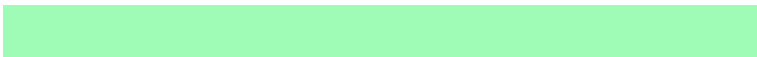
The Same Dimension uses a secret algorithm to generate beautiful new colors.



220.1690, -30.1563, -34.3512



216.5180, -36.2444, -41.6733



216.2130, -16.8670, -50.1758



120.5280, -4.2043, -4.8481



124.3980, -61.3282, -69.6320



39.9930, -19.7165, -22.7959

Inverse Universe

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



190.8310, 30.1563, 34.3512



181.1830, 36.3918, 41.0585



194.7870, 16.8670, 50.1758



116.4720, 4.2043, 4.8481



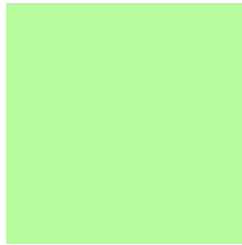
64.6020, 61.3282, 69.6320



21.0070, 19.7165, 22.7959

Previews

White Background



This preview shows how the YUV color 220.1690, -30.1563, -34.3512 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 220.1690, -30.1563, -34.3512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

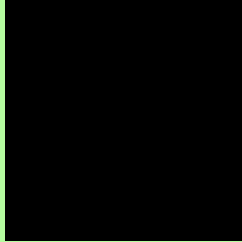
Any Text WCAG AA ✓ Pass

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 220.1690, -30.1563, -34.3512 Background



This preview shows how black text looks on a background with the YUV color 220.1690, -30.1563, -34.3512.



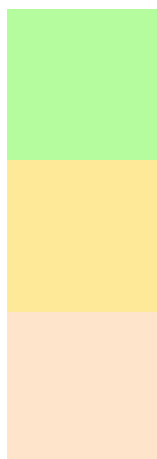
This preview shows how white text looks on a background with the YUV color 220.1690, -30.1563, -34.3512.

-34.3512.

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

220.1690, -30.1563, -34.3512

Protanopia

229.6320, -38.7656, 20.4937

Deuteranopia

233.3370, -14.4631, 18.9985



Tritanopia

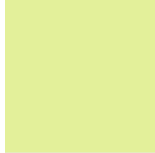
230.3590, 12.1480, -23.1168

Trichromacy



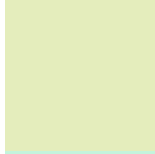
Original Color

220.1690, -30.1563, -34.3512



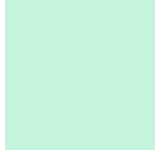
Protanomaly

226.3090, -35.6483, 0.6060



Deuteranomaly

228.7230, -20.0764, -0.6341



Tritanomaly

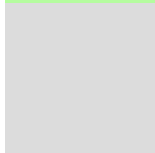
226.9120, -3.4076, -27.1098

Monochromacy



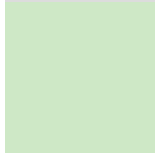
Original Color

220.1690, -30.1563, -34.3512



Achromatopsia

220.0000, 0.0000, 0.0000



Achromatomaly

220.3500, -11.0185, -12.5849

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.1690, -30.1563, -34.3512 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(181, 252, 159)` looks like.

```
.text, #text, p{  
    color:rgb(181, 252, 159)  
}
```

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(181, 252, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 252, 159) }
```

Border

The CSS property to change the border of an element to YUV 220.1690, -30.1563, -34.3512 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(181, 252, 159) }
```


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

```
.border{ border-color:rgb(181, 252, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 252, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 252, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 252, 159);  
box-shadow:4px 4px 4px 4px rgb(181, 252,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 220.1690, -30.1563, -34.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 252, 159) }
```

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

```
.background{ background-color: rgb(181,  
252, 159) }
```

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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