

Converting Colors

YUV(222.1340, -20.2791,
-29.0585)

Have a look what the booklet for
YUV(222.1340, -20.2791, -29.0585)
contains.

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Color

**YUV(222.1340, -20.2791,
-29.0585)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BDF7B5</code>
RGB	<code>189, 247, 181</code>
RGB Percent	<code>74%, 97%, 71%</code>
CMY	<code>0.2588, 0.0314, 0.2902</code>
CMYK	<code>0.23, 0.00, 0.27, 0.03</code>
HSL	<code>113°, 80%, 84%</code>
HSV	<code>113°, 27%, 97%</code>
XYZ	<code>62.5875, 80.6765, 55.9895</code>
YIQ	<code>222.1340, -13.3820, -32.8220</code>

Conversions

Conversions Part 2

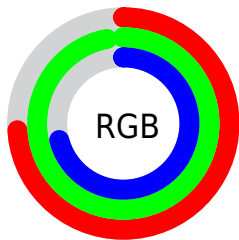
Format	Color
RYB	181, 247, 239
Decimal	12449717
CIELab	91.99, -30.47, 25.95
CIELCh	92, 40.023, 139.572
Yxy	80.6765, 0.3141, 0.4049
Android (android.graphics.Color)	4290639797 (0xFFBDF7B5)
YUV	222.1340, -20.2791, -29.0585
Hunter-Lab	89.8201, -32.8047, 25.9156

Details

The YUV color **222.1340, -20.2791, -29.0585** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **205.8660, 20.2791, 29.0585**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.2570, -6.5357, -3.7334**, and **166.1880, -18.8267, -28.2289** is the 20% darker color. If you saturate the color by 10%, you get **212.7060, -27.9561, -40.0842**, and if you desaturate by 10%, it is **231.5620, -12.6021, -18.0329**.

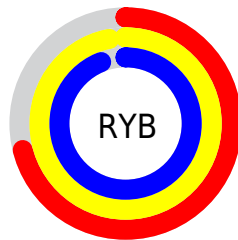
Distribution



Red (74%)

Green (97%)

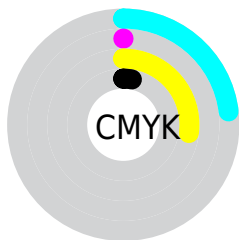
Blue (71%)



Red (71%)

Yellow (97%)

Blue (94%)

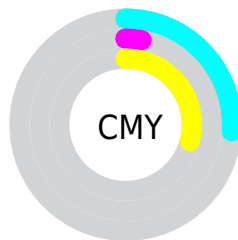


Cyan (23%)

Magenta (0%)

Yellow (27%)

Black (3%)



Cyan (26%)

Magenta (3%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.1340, -20.2791, -29.0585 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 222.1340, -20.2791, -29.0585 by changing the saturation by 10% instead.

■ 222.1340,
-20.2791, -29.0585

■ 222.1340,
-20.2791, -29.0585

255.0000, 0.0000,
0.0000

■ 193.6610,
-19.5529, -28.6437

■ 250.2570, -6.5357,
-3.7334

■ 166.1880,
-18.8267, -28.2289

■ 139.6010,
-18.5373, -27.7141

■ 113.8290,
-17.6637, -27.9140

■ 88.3560, -16.9375,
-27.4992

■ 63.3990, -15.4797,
-28.4139

■ 37.7190, -14.1585,

-32.2026

■ 23.4800, -11.5756,
-20.5920

■ 7.6310, -3.7621,
-6.6924

■ 222.1340,
-20.2791, -29.0585

■ 222.1340,
-20.2791, -29.0585

■ 212.7060,
-27.9561, -40.0842

■ 231.5620,
-12.6021, -18.0329

■ 203.6910,
-35.3437, -50.5950

■ 240.5770, -5.2145,
-7.5220

■ 194.2630,
-43.0207, -61.6207

■ 250.0050, 2.4625,
3.5036

■ 184.8350,
-50.6977, -72.6463

■ 250.3040, 2.3151,
4.1184

■ 175.5210,
-57.9379, -83.7719

■ 166.3920,
-65.7623, -94.1828

■ 156.9640,
-73.4393, -105.2084

■ 153.9590,
-75.9018, -108.7120

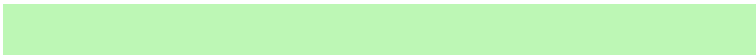
Harmonies

Analogous

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



227.4990, -33.7700, 4.8244



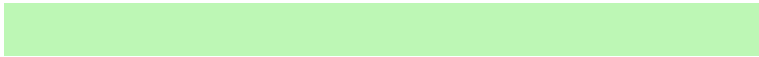
222.1340, -20.2791, -29.0585



215.7180, 0.6320, -62.8967

Triad

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



222.1340, -20.2791, -29.0585



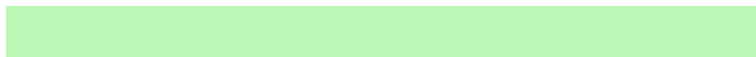
217.7900, 18.3445, -50.6818



219.7050, -5.7706, 30.9537

Complementary

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



222.1340, -20.2791, -29.0585



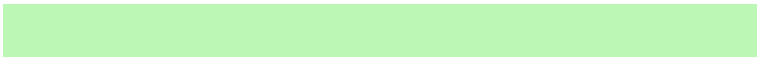
205.8660, 20.2791, 29.0585

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.



224.1510, 11.2646, 27.0546



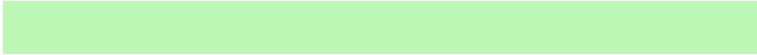
222.1340, -20.2791, -29.0585



227.5010, 13.5570, -8.3324

Square

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



222.1340, -20.2791, -29.0585



208.7210, 22.8155, -84.8243



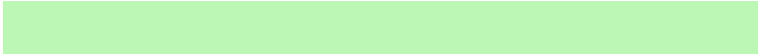
230.3460, 12.1544, 21.6216



220.6390, -22.5000, 30.1346

Rectangle

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



222.1340, -20.2791, -29.0585



211.1960, 15.6794, -82.6099



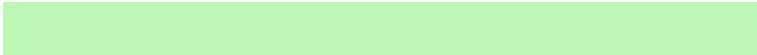
230.3460, 12.1544, 21.6216



220.6000, 0.1972, 30.1688

Sweetspot

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



222.1340, -20.2791, -29.0585



247.3380, -6.0826, -9.0664



234.1930, -26.2241, 11.2317



122.9300, -3.9095, -6.0776



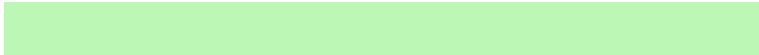
0.0000, 0.0000, 0.0000



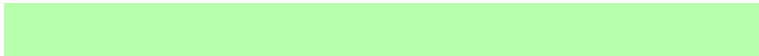
128.0000, 0.0000, 0.0000

Same Dimension

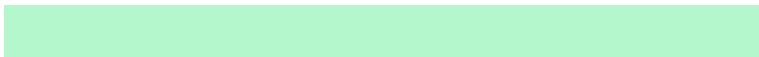
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.1340, -20.2791, -29.0585



224.1240, -25.2041, -36.0657



222.4780, -8.6167, -36.3762



117.6420, -3.7675, -4.9480



116.0590, -57.2171, -81.6127



36.7260, -18.1059, -26.0697

Inverse Universe

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



205.8660, 20.2791, 29.0585



203.8760, 25.2041, 36.0657



205.5220, 8.6167, 36.3762



114.6570, 3.6201, 5.5628



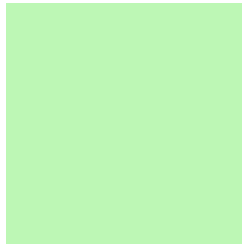
70.2400, 57.0697, 82.2275



22.2740, 18.1059, 26.0697

Previews

White Background



This preview shows how the YUV color 222.1340, -20.2791, -29.0585 looks on a white background.

Color Contrast Check

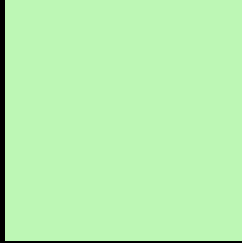
Large Text (above 18pt) WCAG AA × Fail

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 222.1340, -20.2791, -29.0585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

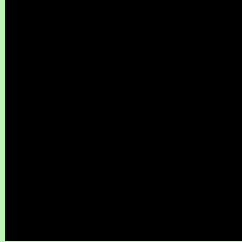
Any Text WCAG AA ✓ Pass

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 222.1340, -20.2791, -29.0585 Background



This preview shows how black text looks on a background with the YUV color 222.1340, -20.2791, -29.0585.



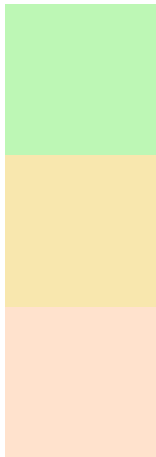
This preview shows how white text looks on a background with the YUV color 222.1340, -20.2791, -29.0585.

-29.0585.

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

222.1340, -20.2791, -29.0585

Protanopia

229.5850, -27.4034, 16.1500

Deuteranopia

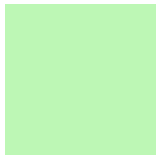
232.2770, -13.4476, 19.9281



Tritanopia

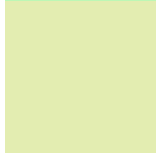
228.8860, 12.8742, -22.7020

Trichromacy



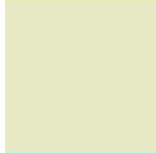
Original Color

222.1340, -20.2791, -29.0585



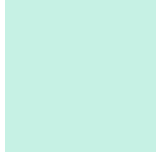
Protanomaly

227.1700, -24.7338, -0.1491



Deuteranomaly

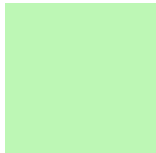
228.7710, -16.1561, 1.9548



Tritanomaly

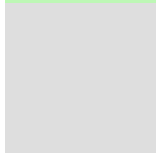
226.6610, 0.6601, -25.1357

Monochromacy



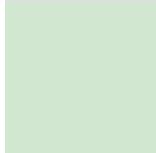
Original Color

222.1340, -20.2791, -29.0585



Achromatopsia

222.0000, 0.0000, 0.0000



Achromatomaly

221.9850, -7.3876, -10.5108

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.1340, -20.2791, -29.0585 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, 247, 181)` looks like.

```
.text, #text, p{  
    color:rgb(189, 247, 181)  
}
```

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, 247, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 247, 181) }
```

Border

The CSS property to change the border of an element to YUV 222.1340, -20.2791, -29.0585 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, 247, 181) }
```


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

```
.border{ border-color:rgb(189, 247, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 247, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 247, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 247, 181);  
box-shadow:4px 4px 4px 4px rgb(189, 247,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 222.1340, -20.2791, -29.0585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 247, 181) }
```

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

```
.background{ background-color: rgb(189,  
247, 181) }
```

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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