

Converting Colors

YUV(224.2080, -32.6405,
-30.8774)

Have a look what the booklet for
YUV(224.2080, -32.6405, -30.8774)
contains.

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Color

**YUV(224.2080, -32.6405,
-30.8774)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BDF9E</code>
RGB	<code>189, 255, 158</code>
RGB Percent	<code>74%, 100%, 62%</code>
CMY	<code>0.2588, 0.0000, 0.3804</code>
CMYK	<code>0.26, 0.00, 0.38, 0.00</code>
HSL	<code>101°, 100%, 81%</code>
HSV	<code>101°, 38%, 100%</code>
XYZ	<code>62.9178, 84.8074, 45.4011</code>
YIQ	<code>224.2080, -8.1990, -44.1590</code>

Conversions

Conversions Part 2

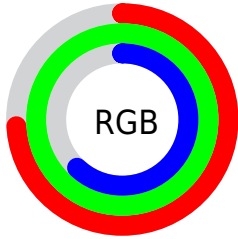
Format	Color
RYB	158, 255, 224
Decimal	12451742
CIELab	93.80, -37.52, 39.89
CIELCh	94, 54.762, 133.240
Yxy	84.8074, 0.3258, 0.4391
Android (android.graphics.Color)	4290641822 (0xFFBDF9E)
YUV	224.2080, -32.6405, -30.8774
Hunter-Lab	92.0910, -39.2055, 35.2335

Details

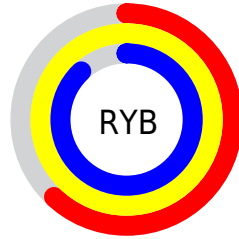
The YUV color $224.2080, -32.6405, -30.8774$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $188.7920, 32.6405, 30.8774$, and the grayscale version is $225.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.9340, -16.7295, -0.8191$, and $167.9630, -31.0408, -30.6626$ is the 20% darker color. If you saturate the color by 10%, you get $216.1610, -41.4914, -38.7292$, and if you desaturate by 10%, it is $232.2550, -23.7897, -23.0256$.

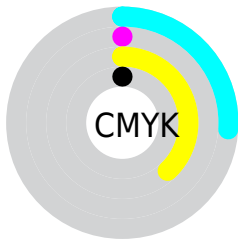
Distribution



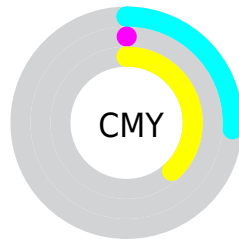
- Red (74%)
- Green (100%)
- Blue (62%)



- Red (62%)
- Yellow (100%)
- Blue (88%)



- Cyan (26%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.2080, -32.6405, -30.8774 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 224.2080, -32.6405, -30.8774 by changing the saturation by 10% instead.

■ 224.2080,
-32.6405, -30.8774

■ 224.2080,
-32.6405, -30.8774

255.0000, 0.0000,
0.0000

■ 195.7350,
-31.9144, -30.4626

■ 247.9340,
-16.7295, -0.8191

■ 167.9630,
-31.0408, -30.6626

■ 253.5180, -5.6784,
1.2997

■ 140.6040,
-29.8778, -30.3477

■ 114.7180,
-29.4410, -30.4477

■ 88.5330, -28.8568,
-31.1624

■ 60.9950, -29.5775,
-33.3216

■ 39.9160, -19.6786,

-35.0063

■ 26.4150, -13.0226,
-23.1660

■ 12.9140, -6.3666,
-11.3256

■ 224.2080,
-32.6405, -30.8774

■ 224.2080,
-32.6405, -30.8774

■ 216.1610,
-41.4914, -38.7292

■ 232.2550,
-23.7897, -23.0256

■ 207.9290,
-49.7580, -47.2957

■ 240.4870,
-15.5231, -14.4591

■ 199.9960,
-58.1720, -55.2475

■ 248.5340, -6.6723,
-6.6073

■ 191.9490,
-67.0229, -63.0993

255.0000, 0.0000,
0.0000

■ 183.7170,
-75.2895, -71.6658

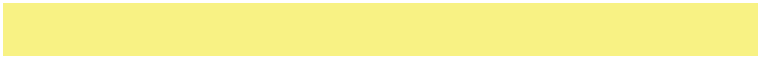
■ 175.6700,
-84.1403, -79.5176

■ 173.9040,
-85.7347, -81.4768

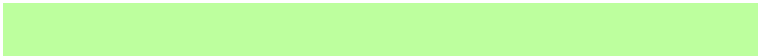
Harmonies

Analogous

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



231.2540, -48.9322, 14.6862



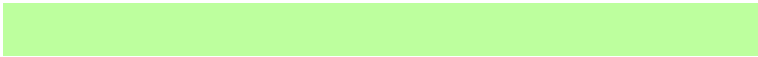
224.2080, -32.6405, -30.8774



208.0380, -1.4977, -79.8403

Triad

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



224.2080, -32.6405, -30.8774



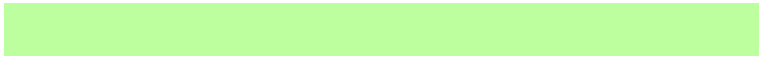
202.7190, 25.7745, -100.6086



215.3340, 0.3283, 34.7871

Complementary

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



224.2080, -32.6405, -30.8774



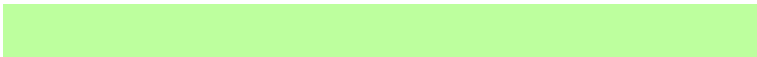
188.7920, 32.6405, 30.8774

Split Complementary

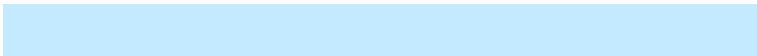
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.1280, 16.2059, 28.8287



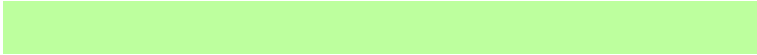
224.2080, -32.6405, -30.8774



225.0320, 14.7742, -25.4611

Square

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



224.2080, -32.6405, -30.8774



178.7550, 37.5888, -156.7681



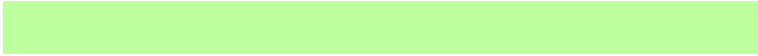
231.5200, 11.5756, 20.5920



216.2050, -24.2581, 34.0232

Rectangle

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



224.2080, -32.6405, -30.8774



188.8200, 25.7247, -131.3921



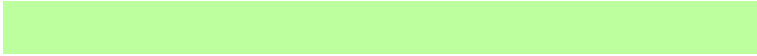
231.5200, 11.5756, 20.5920



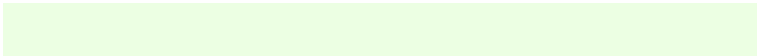
217.2720, 7.7539, 33.0875

Sweetspot

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



224.2080, -32.6405, -30.8774



246.1270, -9.4296, -8.8814



225.1580, -33.1089, 26.1714



122.4740, -5.6567, -5.6777



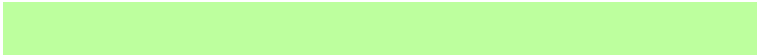
0.0000, 0.0000, 0.0000



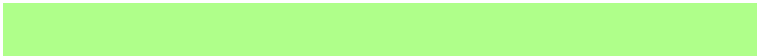
128.0000, 0.0000, 0.0000

Same Dimension

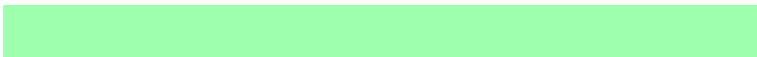
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224.2080, -32.6405, -30.8774



217.7420, -39.3128, -37.4847



216.7630, -21.0822, -51.5352



123.8270, -4.3517, -4.2333



130.3560, -64.2655, -60.8252



43.5480, -21.4692, -20.6516

Inverse Universe

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



188.7920, 32.6405, 30.8774



175.2580, 39.3128, 37.4847



196.2370, 21.0822, 51.5352



118.8740, 4.4991, 3.6185



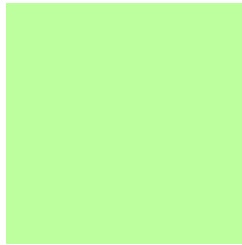
60.6440, 64.2655, 60.8252



20.1530, 21.6166, 20.0368

Previews

White Background



This preview shows how the YUV color 224.2080, -32.6405, -30.8774 looks on a white background.

Color Contrast Check

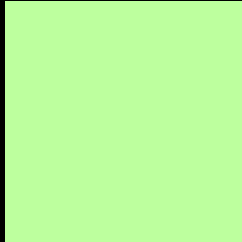
Large Text (above 18pt) WCAG AA × Fail

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 224.2080, -32.6405, -30.8774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

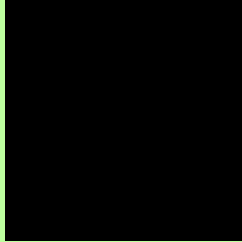
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

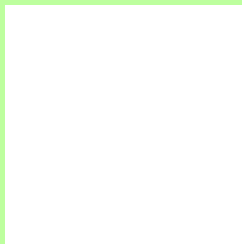
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 224.2080, -32.6405, -30.8774 Background



This preview shows how black text looks on a background with the YUV color 224.2080, -32.6405, -30.8774.



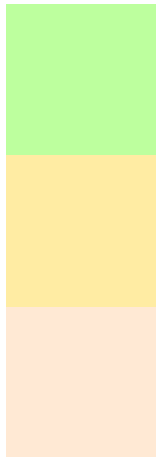
This preview shows how white text looks on a background with the YUV color 224.2080, -32.6405, -30.8774.

-30.8774.

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

224.2080, -32.6405, -30.8774

Protanopia

233.3590, -34.6870, 18.9792

Deuteranopia

237.1840, -12.4157, 15.6246



Tritanopia

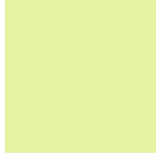
234.8220, 9.9478, -17.3839

Trichromacy



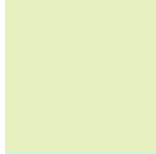
Original Color

224.2080, -32.6405, -30.8774



Protanomaly

230.0640, -34.0486, 0.8209



Deuteranomaly

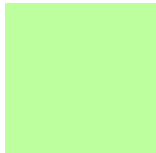
232.4240, -19.9290, -1.2488



Tritanomaly

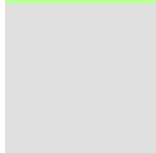
231.0760, -5.4605, -21.9917

Monochromacy



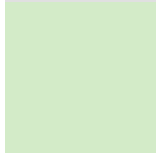
Original Color

224.2080, -32.6405, -30.8774



Achromatopsia

224.0000, 0.0000, 0.0000



Achromatomaly

223.8340, -11.7502, -11.2554

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.2080, -32.6405, -30.8774 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, 255, 158)` looks like.

```
.text, #text, p{  
    color:rgb(189, 255, 158)  
}
```

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, 255, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 255, 158) }
```

Border

The CSS property to change the border of an element to YUV 224.2080, -32.6405, -30.8774 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

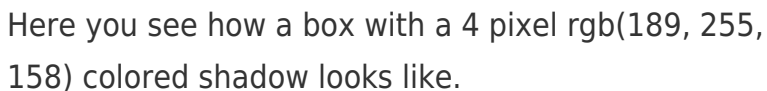
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 255, 158) }
```


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

```
.border{ border-color:rgb(189, 255, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 255, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 255, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 255, 158); box-shadow:4px 4px 4px 4px rgb(189, 255, 158) }
```

Background

The CSS property to change the background color of an element to YUV 224.2080, -32.6405, -30.8774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 255, 158) }
```

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

```
.background{ background-color: rgb(189,  
255, 158) }
```

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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