

Converting Colors

YUV(224.9630, -31.0408,
-30.6626)

Have a look what the booklet for
YUV(224.9630, -31.0408, -30.6626)
contains.

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Color

**YUV(224.9630, -31.0408,
-30.6626)**

Conversions

Conversions Part 1

Format	Color
Hex	BEFFA2
RGB	190, 255, 162
RGB Percent	75%, 100%, 64%
CMY	0.2549, 0.0000, 0.3647
CMYK	0.25, 0.00, 0.36, 0.00
HSL	102°, 100%, 82%
HSV	102°, 36%, 100%
XYZ	63.5168, 85.0758, 47.2560
YIQ	224.9630, -8.8870, -42.7030

Conversions

Conversions Part 2

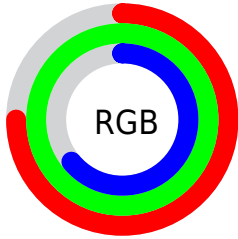
Format	Color
RYB	162, 255, 227
Decimal	12517282
CIELab	93.92, -36.64, 38.09
CIELCh	94, 52.846, 133.888
Yxy	85.0758, 0.3243, 0.4344
Android (android.graphics.Color)	4290707362 (0xFFBEFFA2)
YUV	224.9630, -31.0408, -30.6626
Hunter-Lab	92.2365, -38.4936, 34.1892

Details

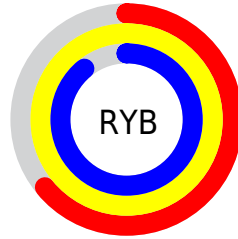
The YUV color **224.9630, -31.0408, -30.6626** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **192.0370, 31.0408, 30.6626**, and the grayscale version is **225.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.6890, -15.1297, -0.6043**, and **169.0170, -29.5884, -29.8329** is the 20% darker color. If you saturate the color by 10%, you get **216.6170, -39.7442, -39.1291**, and if you desaturate by 10%, it is **233.1950, -22.7741, -22.0960**.

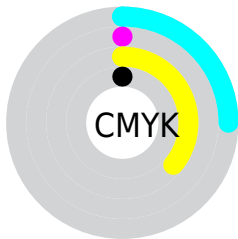
Distribution



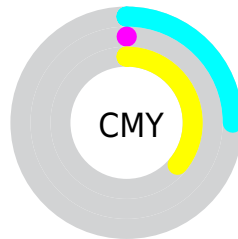
- Red (75%)
- Green (100%)
- Blue (64%)



- Red (64%)
- Yellow (100%)
- Blue (89%)



- Cyan (25%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.9630, -31.0408, -30.6626 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 224.9630, -31.0408, -30.6626 by changing the saturation by 10% instead.

■ 224.9630,
-31.0408, -30.6626

■ 224.9630,
-31.0408, -30.6626

255.0000, 0.0000,
0.0000

■ 196.4900,
-30.3146, -30.2477

■ 248.6890,
-15.1297, -0.6043

■ 169.0170,
-29.5884, -29.8329

■ 253.9740, -3.9312,
0.8998

■ 141.6580,
-28.4254, -29.5181

■ 115.4730,
-27.8412, -30.2328

■ 89.7010, -26.9676,
-30.4328

■ 62.5760, -27.3990,
-32.0772

■ 39.9160, -19.6786,

-35.0063

■ 26.4150, -13.0226,
-23.1660

■ 12.9140, -6.3666,
-11.3256

■ 224.9630,
-31.0408, -30.6626

■ 224.9630,
-31.0408, -30.6626

■ 216.6170,
-39.7442, -39.1291

■ 233.1950,
-22.7741, -22.0960

■ 208.3850,
-48.0108, -47.6956

■ 241.5410,
-14.0707, -13.6295

■ 200.4520,
-56.4248, -55.6474

■ 249.5880, -5.2199,
-5.7777

■ 192.1060,
-65.1283, -64.1140

255.0000, 0.0000,
0.0000

■ 183.7600,
-73.8317, -72.5805

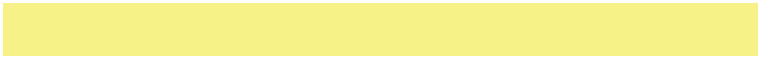
■ 175.5280,
-82.0983, -81.1471

■ 172.7080,
-85.1450, -83.9359

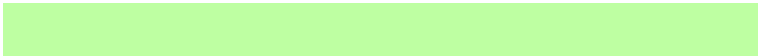
Harmonies

Analogous

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



231.4110, -47.0376, 13.6716



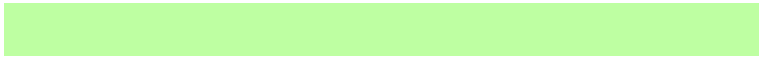
224.9630, -31.0408, -30.6626



209.8750, -0.9244, -77.0664

Triad

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



224.9630, -31.0408, -30.6626



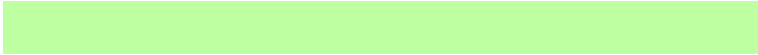
207.2040, 23.5634, -91.3869



216.5080, -0.2504, 33.7575

Complementary

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



224.9630, -31.0408, -30.6626



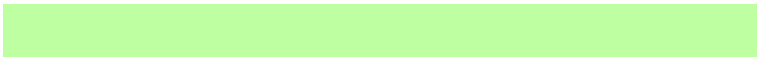
192.0370, 31.0408, 30.6626

Split Complementary

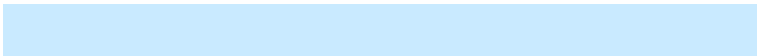
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.7150, 15.9165, 28.3139



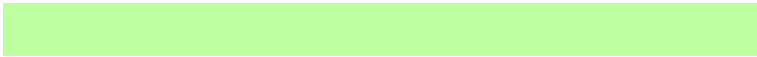
224.9630, -31.0408, -30.6626



226.5270, 14.0372, -22.3872

Square

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



224.9630, -31.0408, -30.6626



178.7550, 37.5888, -156.7681



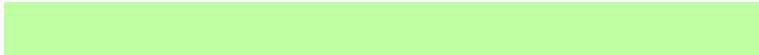
231.5200, 11.5756, 20.5920



217.6070, -23.9633, 32.7937

Rectangle

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



224.9630, -31.0408, -30.6626



194.7290, 23.7976, -119.9113



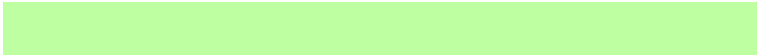
231.5200, 11.5756, 20.5920



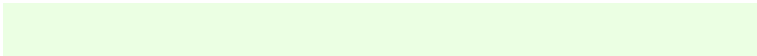
218.4460, 7.1751, 32.0579

Sweetspot

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



224.9630, -31.0408, -30.6626



245.8280, -9.2822, -9.4962



227.3750, -32.2299, 24.2271



122.4740, -5.6567, -5.6777



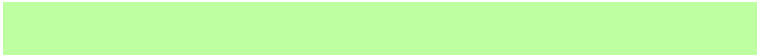
0.0000, 0.0000, 0.0000



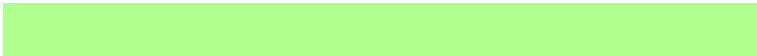
128.0000, 0.0000, 0.0000

Same Dimension

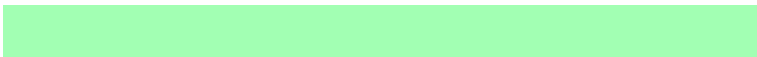
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224.9630, -31.0408, -30.6626



218.9100, -37.4236, -36.7551



218.5290, -19.4878, -49.5759



123.8270, -4.3517, -4.2333



129.4590, -63.8233, -62.6695



43.2490, -21.3218, -21.2664

Inverse Universe

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



192.0370, 31.0408, 30.6626



179.0900, 37.4236, 36.7551



198.4710, 19.4878, 49.5759



119.1730, 4.3517, 4.2333



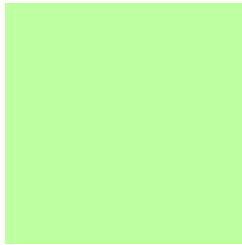
61.8400, 63.6759, 63.2843



20.7510, 21.3218, 21.2664

Previews

White Background



This preview shows how the YUV color 224.9630, -31.0408, -30.6626 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 224.9630, -31.0408, -30.6626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

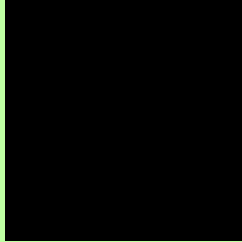
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

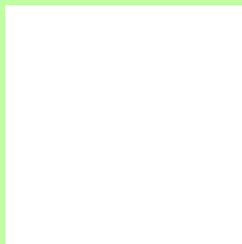
Any Text WCAG AAA ✓ Pass

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

YUV 224.9630, -31.0408, -30.6626 Background



This preview shows how black text looks on a background with the YUV color 224.9630, -31.0408, -30.6626.



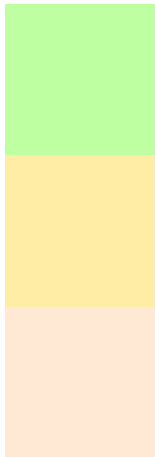
This preview shows how white text looks on a background with the YUV color 224.9630, -31.0408, -30.6626.

-30.6626.

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

224.9630, -31.0408, -30.6626

Protanopia

234.2880, -33.6660, 18.1644

Deuteranopia

237.2980, -11.9789, 15.5247



Tritanopia

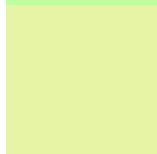
235.1210, 9.8003, -16.7691

Trichromacy



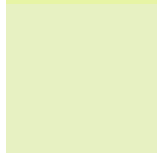
Original Color

224.9630, -31.0408, -30.6626



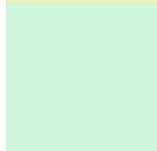
Protanomaly

231.1070, -32.5908, -0.0938



Deuteranomaly

232.6520, -19.0554, -1.4488



Tritanomaly

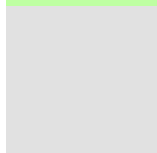
231.4890, -5.1711, -21.4769

Monochromacy



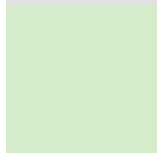
Original Color

224.9630, -31.0408, -30.6626



Achromatopsia

225.0000, 0.0000, 0.0000



Achromatomaly

224.9480, -11.3134, -11.3554

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.9630, -31.0408, -30.6626 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(190, 255, 162)` looks like.

```
.text, #text, p{  
    color:rgb(190, 255, 162)  
}
```

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(190, 255, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 255, 162) }
```

Border

The CSS property to change the border of an element to YUV 224.9630, -31.0408, -30.6626 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(190, 255, 162) }
```


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

```
.border{ border-color:rgb(190, 255, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 255, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 255, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 255, 162); box-shadow:4px 4px 4px 4px rgb(190, 255, 162) }
```

Background

The CSS property to change the background color of an element to YUV 224.9630, -31.0408, -30.6626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 255, 162) }
```

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

```
.background{ background-color: rgb(190,  
255, 162) }
```

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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