

Converting Colors

YUV(232.1970, -29.1841,
-19.4668)

Have a look what the booklet for
YUV(232.1970, -29.1841, -19.4668)
contains.

YUV(232.1970, -29.1841, -19.4668)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(232.1970, -29.1841,
-19.4668)**

Conversions

Conversions Part 1

Format	Color
Hex	D2FFAD
RGB	210, 255, 173
RGB Percent	82%, 100%, 68%
CMY	0.1765, 0.0000, 0.3216
CMYK	0.18, 0.00, 0.32, 0.00
HSL	93°, 100%, 84%
HSV	93°, 32%, 100%
XYZ	69.8812, 88.2388, 52.8838
YIQ	232.1970, -0.4980, -35.0420

Conversions

Conversions Part 2

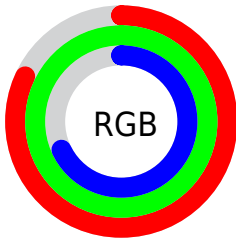
Format	Color
RYB	173, 255, 218
Decimal	13828013
CIELab	95.26, -28.30, 34.62
CIELCh	95, 44.712, 129.263
Yxy	88.2388, 0.3312, 0.4182
Android (android.graphics.Color)	4292018093 (0xFFD2FFAD)
YUV	232.1970, -29.1841, -19.4668
Hunter-Lab	93.9355, -31.5961, 32.3757

Details

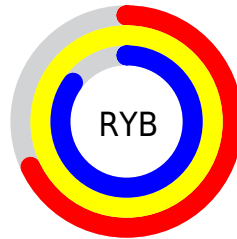
The YUV color $232.1970, -29.1841, -19.4668$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $195.8030, 29.1841, 19.4668$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0360, -11.3567, 2.5994$, and $175.9520, -27.5843, -19.2519$ is the 20% darker color. If you saturate the color by 10%, you get $225.0470, -38.4772, -25.4742$, and if you desaturate by 10%, it is $239.3470, -19.8911, -13.4593$.

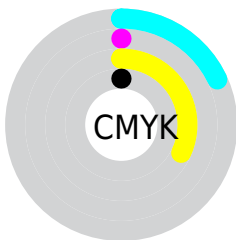
Distribution



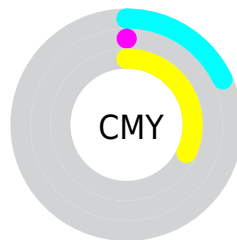
- Red (82%)
- Green (100%)
- Blue (68%)



- Red (68%)
- Yellow (100%)
- Blue (85%)



- Cyan (18%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.1970, -29.1841, -19.4668 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 232.1970, -29.1841, -19.4668 by changing the saturation by 10% instead.

■ 232.1970,
-29.1841, -19.4668

■ 232.1970,
-29.1841, -19.4668

255.0000, 0.0000,
0.0000

■ 203.7240,
-28.4579, -19.0519

■ 252.0360,
-11.3567, 2.5994

■ 175.9520,
-27.5843, -19.2519

■ 149.3650,
-27.2949, -18.7371

■ 122.7070,
-25.9846, -19.0370

■ 97.2340, -25.2584,
-18.6222

■ 72.3480, -24.8216,
-18.7222

■ 48.2770, -23.8006,

-19.5369

■ 27.0020, -13.3120,
-23.6808

■ 15.8490, -7.8136,
-13.8996

■ 232.1970,
-29.1841, -19.4668

■ 232.1970,
-29.1841, -19.4668

■ 225.0470,
-38.4772, -25.4742

■ 239.3470,
-19.8911, -13.4593

■ 218.0110,
-47.3334, -31.5816

■ 246.3830,
-11.0348, -7.3519

■ 210.9750,
-56.1897, -37.6891

■ 253.5330, -1.7418,
-1.3444

■ 203.8250,
-65.4827, -43.6965

255.0000, 0.0000,
0.0000

■ 196.7890,
-74.3390, -49.8040

■ 189.6390,
-83.6320, -55.8114

■ 184.0700,
-90.7465, -60.5744

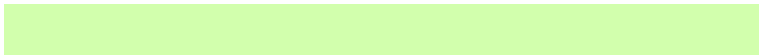
Harmonies

Analogous

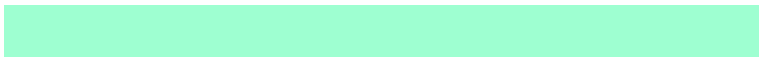
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.5560, -40.2071, 16.1754



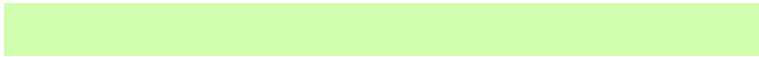
232.1970, -29.1841, -19.4668



220.7530, -5.7942, -55.0344

Triad

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



232.1970, -29.1841, -19.4668



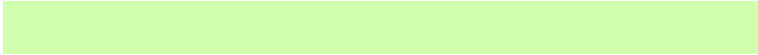
217.9350, 18.2730, -74.4880



224.4470, 2.2446, 26.7950

Complementary

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



232.1970, -29.1841, -19.4668



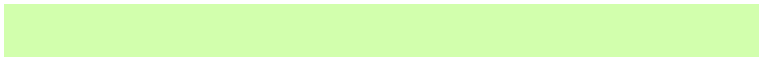
195.8030, 29.1841, 19.4668

Split Complementary

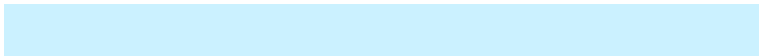
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.7590, 12.4438, 22.1364



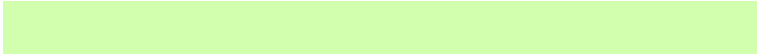
232.1970, -29.1841, -19.4668



231.2340, 11.7166, -24.7612

Square

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



232.1970, -29.1841, -19.4668



204.1700, 25.0592, -104.5121



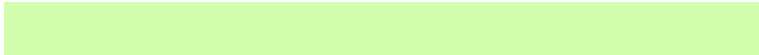
237.3900, 8.6817, 15.4440



223.9960, -17.2530, 27.1905

Rectangle

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



232.1970, -29.1841, -19.4668



213.4090, 12.6164, -80.1657



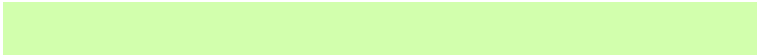
237.3900, 8.6817, 15.4440



226.1570, 8.7966, 25.2953

Sweetspot

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



232.1970, -29.1841, -19.4668



247.9640, -8.8563, -6.1074



223.3460, -24.8206, 27.7606



123.4850, -5.6621, -3.9333



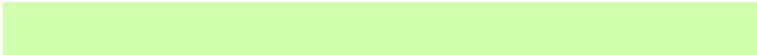
0.0000, 0.0000, 0.0000



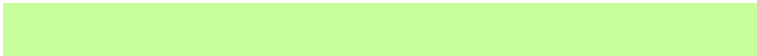
128.0000, 0.0000, 0.0000

Same Dimension

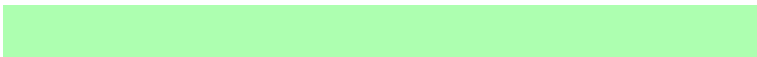
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.1970, -29.1841, -19.4668



227.2690, -35.1356, -23.9149



221.4760, -22.4197, -42.5135



124.4250, -4.6465, -3.0037



137.8310, -67.9507, -45.4558



46.2390, -22.7958, -15.1186

Inverse Universe

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



195.8030, 29.1841, 19.4668



183.4320, 35.2830, 23.3001



206.5240, 22.4197, 42.5135



118.5750, 4.6465, 3.0037



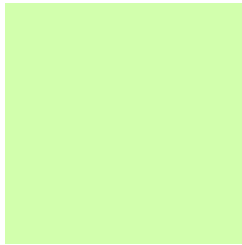
53.1690, 67.9507, 45.4558



17.7610, 22.7958, 15.1186

Previews

White Background



This preview shows how the YUV color 232.1970, -29.1841, -19.4668 looks on a white background.

Color Contrast Check

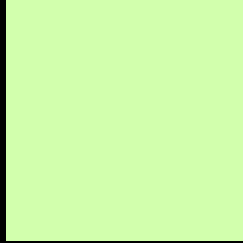
Large Text (above 18pt) WCAG AA × Fail

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 232.1970, -29.1841, -19.4668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

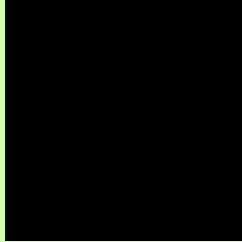
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

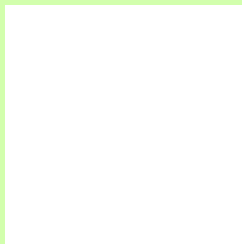
Any Text WCAG AAA ✓ Pass

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

YUV 232.1970, -29.1841, -19.4668 Background



This preview shows how black text looks on a background with the YUV color 232.1970, -29.1841, -19.4668.



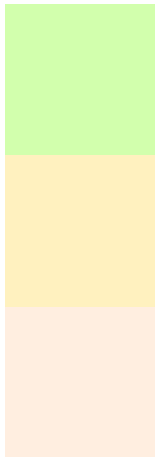
This preview shows how white text looks on a background with the YUV color 232.1970, -29.1841, -19.4668.

-19.4668.

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

232.1970, -29.1841, -19.4668

Protanopia

239.4860, -23.9036, 13.6058

Deuteranopia

241.4870, -8.6211, 11.8509



Tritanopia

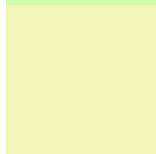
240.4810, 7.1579, -9.1918

Trichromacy



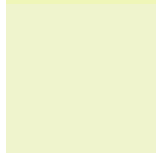
Original Color

232.1970, -29.1841, -19.4668



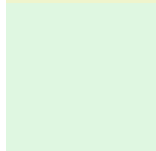
Protanomaly

236.8390, -26.0496, 1.8952



Deuteranomaly

238.0590, -16.2981, 0.8253



Tritanomaly

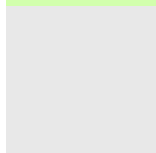
237.3160, -6.0718, -12.5551

Monochromacy



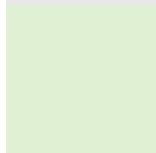
Original Color

232.1970, -29.1841, -19.4668



Achromatopsia

232.0000, 0.0000, 0.0000



Achromatomaly

231.9100, -10.3086, -6.9371

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.1970, -29.1841, -19.4668 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(210, 255, 173)` looks like.

```
.text, #text, p{  
    color:rgb(210, 255, 173)  
}
```

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(210, 255, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 173) }
```

Border

The CSS property to change the border of an element to YUV 232.1970, -29.1841, -19.4668 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(210, 255, 173) }
```


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

```
.border{ border-color:rgb(210, 255, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 255, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 173);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 232.1970, -29.1841, -19.4668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 255, 173) }
```

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

```
.background{ background-color: rgb(210,  
255, 173) }
```

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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