

Converting Colors

YUV(226.2410, -49.4188,
-15.9974)

Have a look what the booklet for
YUV(226.2410, -49.4188, -15.9974)
contains.

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Color

**YUV(226.2410, -49.4188,
-15.9974)**

Conversions

Conversions Part 1

Format	Color
Hex	D0FF7E
RGB	208, 255, 126
RGB Percent	82%, 100%, 49%
CMY	0.1843, 0.0000, 0.5059
CMYK	0.18, 0.00, 0.51, 0.00
HSL	82°, 100%, 75%
HSV	82°, 51%, 100%
XYZ	65.5383, 86.4363, 32.9683
YIQ	226.2410, 13.3970, -50.0830

Conversions

Conversions Part 2

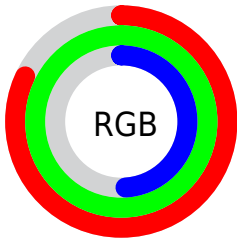
Format	Color
RYB	126, 255, 173
Decimal	13696894
CIELab	94.50, -34.56, 56.21
CIELCh	94, 65.988, 121.581
Yxy	86.4363, 0.3544, 0.4674
Android (android.graphics.Color)	4291886974 (0xFFD0FF7E)
YUV	226.2410, -49.4188, -15.9974
Hunter-Lab	92.9711, -36.8690, 44.0551

Details

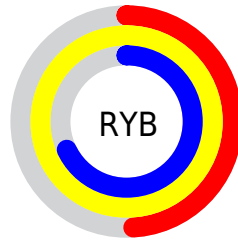
The YUV color **226.2410, -49.4188, -15.9974** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **154.7590, 49.4188, 15.9974**, and the grayscale version is **227.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.5640, -32.3231, 7.3984**, and **169.5830, -48.1084, -16.2973** is the 20% darker color. If you saturate the color by 10%, you get **220.7000, -59.0121, -19.0309**, and if you desaturate by 10%, it is **231.8960, -39.3887, -13.0638**.

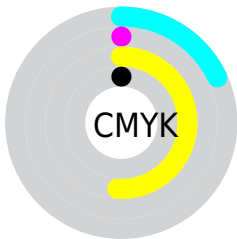
Distribution



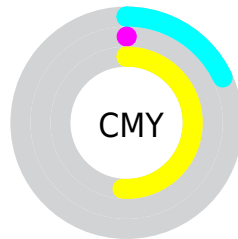
- Red (82%)
- Green (100%)
- Blue (49%)



- Red (49%)
- Yellow (100%)
- Blue (68%)



- Cyan (18%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.2410, -49.4188, -15.9974 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 226.2410, -49.4188, -15.9974 by changing the saturation by 10% instead.

■ 226.2410,
-49.4188, -15.9974

■ 226.2410,
-49.4188, -15.9974

255.0000, 0.0000,
0.0000

■ 197.4690,
-48.5452, -16.1973

■ 246.5640,
-32.3231, 7.3984

■ 169.5830,
-48.1084, -16.2973

■ 249.8700,
-19.6559, 4.4990

■ 142.2840,
-47.9610, -16.9121

■ 253.1760, -6.9888,
1.5996

■ 114.2580,
-51.8922, -16.0123

■ 89.8970, -44.3192,
-18.3267

■ 67.1490, -33.1045,
-22.0557

■ 42.5960, -20.9998,

-31.2177

■ 27.0020, -13.3120,
-23.6808

■ 14.0880, -6.9454,
-12.3552

■ 226.2410,
-49.4188, -15.9974

■ 226.2410,
-49.4188, -15.9974

■ 220.7000,
-59.0121, -19.0309

■ 231.8960,
-39.3887, -13.0638

■ 214.7460,
-68.8948, -22.5792

■ 237.7360,
-29.9428, -9.4155

■ 209.0910,
-78.9249, -25.5128

■ 243.3910,
-19.9128, -6.4819

■ 203.5500,
-88.5181, -28.5463

■ 248.9320,
-10.3195, -3.4484

■ 198.1230,
-97.6746, -31.6799

254.5870, -0.2894,
-0.5148

255.0000, 0.0000,
0.0000

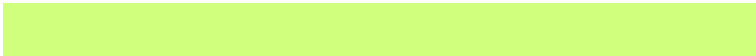
Harmonies

Analogous

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



227.5620, -59.4371, 24.0631



226.2410, -49.4188, -15.9974



206.8250, -15.1967, -72.6375

Triad

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



226.2410, -49.4188, -15.9974



178.7550, 37.5888, -156.7681



211.9720, 12.8318, 37.7356

Complementary

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



226.2410, -49.4188, -15.9974



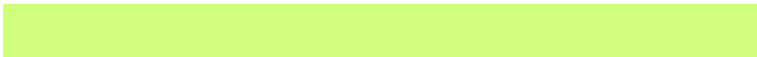
154.7590, 49.4188, 15.9974

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.



220.9540, 16.7847, 29.8583



226.2410, -49.4188, -15.9974



211.4560, 21.4672, -72.3139

Square

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



226.2410, -49.4188, -15.9974



178.7550, 37.5888, -156.7681



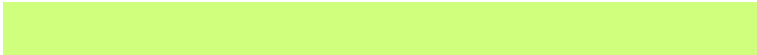
232.9490, 10.8711, 13.1997



209.6000, -16.5648, 39.8158

Rectangle

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



226.2410, -49.4188, -15.9974



174.5370, 21.4273, -153.0689



232.9490, 10.8711, 13.1997



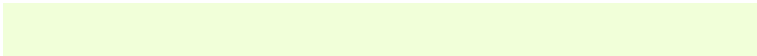
215.0840, 19.6786, 35.0063

Sweetspot

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



226.2410, -49.4188, -15.9974



246.4820, -14.5346, -4.8077



190.9860, -32.0381, 56.1403



122.6870, -8.7197, -3.2335



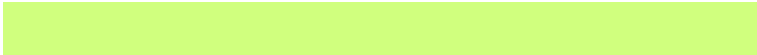
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



226.2410, -49.4188, -15.9974



220.1730, -59.7383, -19.4457



207.4040, -40.1322, -54.7283



125.0230, -4.9413, -1.7742



148.5950, -73.2573, -23.3238



49.8270, -24.5647, -7.7413

Inverse Universe

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



154.7590, 49.4188, 15.9974



133.8270, 59.7383, 19.4457



173.5960, 40.1322, 54.7283



117.6780, 5.0887, 1.1594



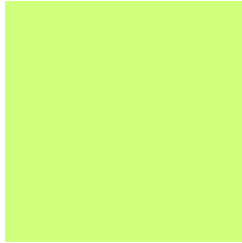
42.7040, 73.1099, 23.9386



14.1730, 24.5647, 7.7413

Previews

White Background



This preview shows how the YUV color 226.2410, -49.4188, -15.9974 looks on a white background.

Color Contrast Check

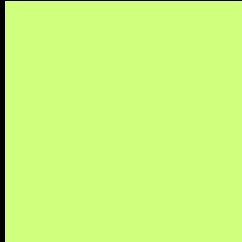
Large Text (above 18pt) WCAG AA × Fail

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 226.2410, -49.4188, -15.9974 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

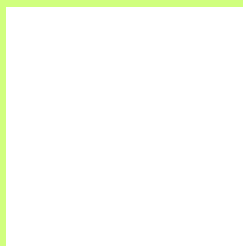
Any Text WCAG AAA ✓ Pass

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

YUV 226.2410, -49.4188, -15.9974 Background



This preview shows how black text looks on a background with the YUV color 226.2410, -49.4188, -15.9974.



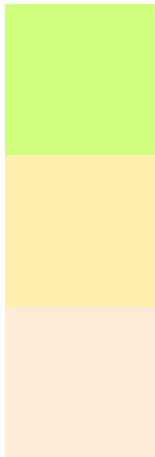
This preview shows how white text looks on a background with the YUV color 226.2410, -49.4188, -15.9974.

-15.9974.

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

226.2410, -49.4188, -15.9974

Protanopia

236.3740, -30.7504, 16.3350

Deuteranopia

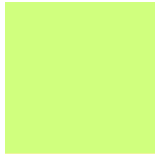
238.7000, -11.6841, 14.2951



Tritanopia

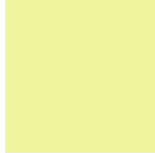
238.1220, 8.3209, -8.8770

Trichromacy



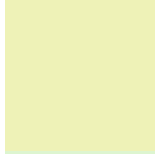
Original Color

226.2410, -49.4188, -15.9974



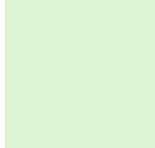
Protanomaly

232.8750, -37.4064, 4.4946



Deuteranomaly

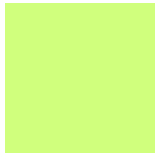
234.0780, -25.1815, 3.4396



Tritanomaly

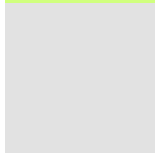
233.6060, -12.6238, -11.0555

Monochromacy



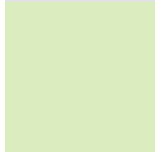
Original Color

226.2410, -49.4188, -15.9974



Achromatopsia

226.0000, 0.0000, 0.0000



Achromatomaly

226.2600, -17.8762, -6.3670

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.2410, -49.4188, -15.9974 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(208, 255, 126)` looks like.

```
.text, #text, p{  
    color:rgb(208, 255, 126)  
}
```

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(208, 255, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 126) }
```

Border

The CSS property to change the border of an element to YUV 226.2410, -49.4188, -15.9974 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(208, 255, 126) }
```


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

```
.border{ border-color:rgb(208, 255, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 255, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 255, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 255, 126);  
box-shadow:4px 4px 4px 4px rgb(208, 255,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 226.2410, -49.4188, -15.9974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 255, 126) }
```

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

```
.background{ background-color: rgb(208,  
255, 126) }
```

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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