

Converting Colors

YUV(218.3530, -46.0230,
-31.8816)

Have a look what the booklet for
YUV(218.3530, -46.0230, -31.8816)
contains.

YUV(218.3530, -46.0230, -31.8816)	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(218.3530, -46.0230,
-31.8816)**

Conversions

Conversions Part 1

Format	Color
Hex	B6FF7D
RGB	182, 255, 125
RGB Percent	71%, 100%, 49%
CMY	0.2863, 0.0000, 0.5098
CMYK	0.29, 0.00, 0.51, 0.00
HSL	94°, 100%, 75%
HSV	94°, 51%, 100%
XYZ	58.7531, 82.9458, 32.3156
YIQ	218.3530, -1.7780, -55.9060

Conversions

Conversions Part 2

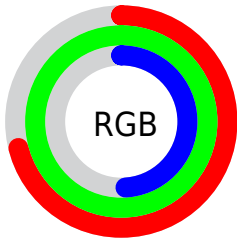
Format	Color
RYB	125, 255, 198
Decimal	11992957
CIELab	92.99, -43.86, 54.51
CIELCh	93, 69.963, 128.823
Yxy	82.9458, 0.3376, 0.4767
Android (android.graphics.Color)	4290183037 (0xFFB6FF7D)
YUV	218.3530, -46.0230, -31.8816
Hunter-Lab	91.0746, -44.2284, 42.7146

Details

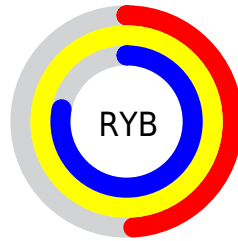
The YUV color **218.3530, -46.0230, -31.8816** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **161.6470, 46.0230, 31.8816**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.9650, -30.5487, -1.7233**, and **161.6950, -44.7126, -32.1815** is the 20% darker color. If you saturate the color by 10%, you get **211.3170, -54.8793, -37.9890**, and if you desaturate by 10%, it is **225.5030, -36.7300, -25.8741**.

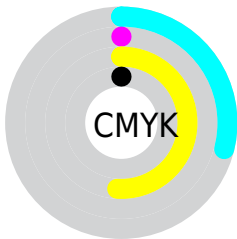
Distribution



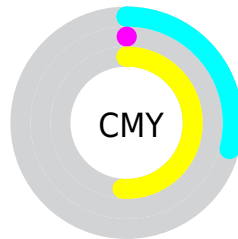
- Red (71%)
- Green (100%)
- Blue (49%)



- Red (49%)
- Yellow (100%)
- Blue (78%)



- Cyan (29%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.3530, -46.0230, -31.8816 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 218.3530, -46.0230, -31.8816 by changing the saturation by 10% instead.

■ 218.3530,
-46.0230, -31.8816

■ 218.3530,
-46.0230, -31.8816

255.0000, 0.0000,
0.0000

■ 189.5810,
-45.1494, -32.0815

■ 241.9650,
-30.5487, -1.7233

■ 161.6950,
-44.7126, -32.1815

■ 249.7560,
-20.0927, 4.5990

■ 133.8090,
-44.2758, -32.2815

■ 252.9480, -7.8624,
1.7996

■ 105.4840,
-48.0596, -31.9965

■ 80.3400, -39.6076,
-36.2552

■ 54.0040, -26.6240,
-47.3615

■ 39.9160, -19.6786,

-35.0063

■ 26.4150, -13.0226,
-23.1660

■ 10.5660, -5.2090,
-9.2664

■ 218.3530,
-46.0230, -31.8816

■ 218.3530,
-46.0230, -31.8816

■ 211.3170,
-54.8793, -37.9890

■ 225.5030,
-36.7300, -25.8741

■ 203.8680,
-64.0249, -44.6112

■ 232.8380,
-28.0211, -19.1519

■ 196.8320,
-72.8812, -50.7187

■ 239.9880,
-18.7281, -13.1445

■ 189.6820,
-82.1742, -56.7261

■ 247.0240, -9.8718,
-7.0370

■ 183.1730,
-90.3043, -62.4187

254.4730, -0.7262,
-0.4148

255.0000, 0.0000,
0.0000

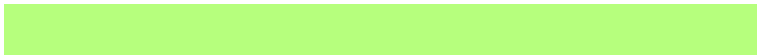
Harmonies

Analogous

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



226.3680, -65.2574, 24.2333



218.3530, -46.0230, -31.8816



192.1890, -4.0372, -105.4058

Triad

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



218.3530, -46.0230, -31.8816



178.7550, 37.5888, -156.7681



204.2950, 6.2636, 44.4683

Complementary

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



218.3530, -46.0230, -31.8816



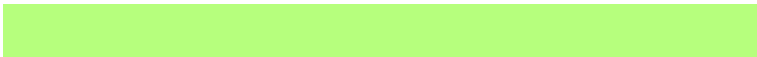
161.6470, 46.0230, 31.8816

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.



213.9100, 20.2574, 36.0359



218.3530, -46.0230, -31.8816



211.8650, 21.2656, -54.2556

Square

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



218.3530, -46.0230, -31.8816



178.7550, 37.5888, -156.7681



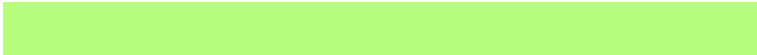
227.9980, 13.3120, 23.6808



204.7440, -25.0168, 44.0745

Rectangle

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



218.3530, -46.0230, -31.8816



175.9050, 26.6688, -154.2687



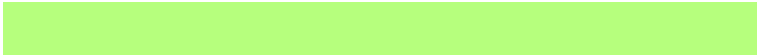
227.9980, 13.3120, 23.6808



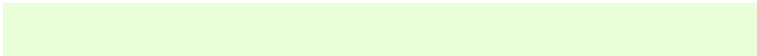
206.9170, 16.3099, 42.1688

Sweetspot

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



218.3530, -46.0230, -31.8816



244.3890, -13.5028, -9.1112



205.5470, -39.7097, 43.3703



121.4910, -8.1301, -5.6926



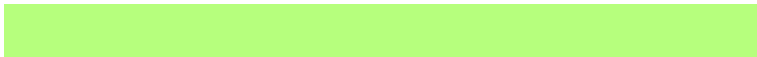
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



218.3530, -46.0230, -31.8816



211.2030, -55.3161, -37.8890



202.1080, -34.5632, -67.6237



124.1260, -4.4991, -3.6185



137.2330, -67.6559, -46.6853



45.9400, -22.6484, -15.7334

Inverse Universe

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



161.6470, 46.0230, 31.8816



143.0960, 55.1687, 38.5038



178.0060, 35.0000, 67.5237



118.5750, 4.6465, 3.0037



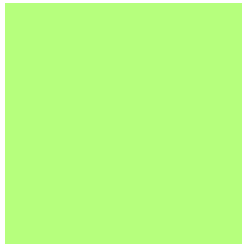
53.7670, 67.6559, 46.6853



18.0600, 22.6484, 15.7334

Previews

White Background



This preview shows how the YUV color 218.3530, -46.0230, -31.8816 looks on a white background.

Color Contrast Check

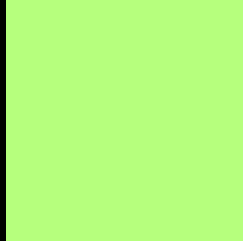
Large Text (above 18pt) WCAG AA × Fail

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 218.3530, -46.0230, -31.8816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

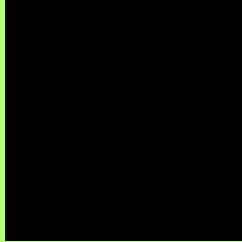
Any Text WCAG AA ✓ Pass

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 218.3530, -46.0230, -31.8816 Background



This preview shows how black text looks on a background with the YUV color 218.3530, -46.0230, -31.8816.



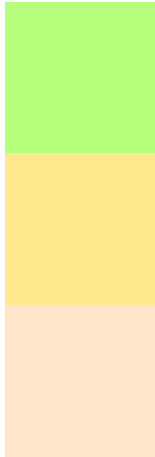
This preview shows how white text looks on a background with the YUV color 218.3530, -46.0230, -31.8816.

-31.8816.

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

218.3530, -46.0230, -31.8816

Protanopia

229.7910, -43.2810, 22.1083

Deuteranopia

234.2830, -15.9155, 18.1688



Tritanopia

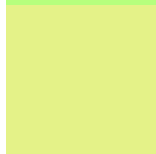
231.5550, 11.5584, -20.6577

Trichromacy



Original Color

218.3530, -46.0230, -31.8816



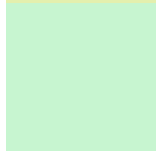
Protanomaly

225.7300, -44.2369, 1.9908



Deuteranomaly

228.3010, -26.7704, -0.2640



Tritanomaly

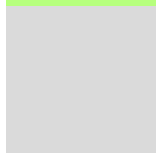
227.0280, -9.3808, -24.5806

Monochromacy



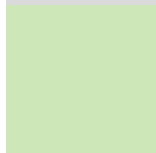
Original Color

218.3530, -46.0230, -31.8816



Achromatopsia

218.0000, 0.0000, 0.0000



Achromatomaly

217.8680, -16.6969, -11.2852

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.3530, -46.0230, -31.8816 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(182, 255, 125)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 125)  
}
```

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(182, 255, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 125) }
```

Border

The CSS property to change the border of an element to YUV 218.3530, -46.0230, -31.8816 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(182, 255, 125) }
```


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

```
.border{ border-color:rgb(182, 255, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 255, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 255, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 255, 125);  
box-shadow:4px 4px 4px 4px rgb(182, 255,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 218.3530, -46.0230, -31.8816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 255, 125) }
```

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

```
.background{ background-color: rgb(182,  
255, 125) }
```

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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