

Converting Colors

YUV(231.8430, -42.3206,
-6.0013)

Have a look what the booklet for
YUV(231.8430, -42.3206, -6.0013)
contains.

YUV(231.8430, -42.3206, -6.0013)	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(231.8430, -42.3206,
-6.0013)**

Conversions

Conversions Part 1

Format	Color
Hex	E1FC92
RGB	225, 252, 146
RGB Percent	88%, 99%, 57%
CMY	0.1176, 0.0118, 0.4275
CMYK	0.11, 0.00, 0.42, 0.01
HSL	75°, 95%, 78%
HSV	75°, 42%, 99%
XYZ	71.0500, 87.7037, 40.3779
YIQ	231.8430, 17.9340, -38.6900

Conversions

Conversions Part 2

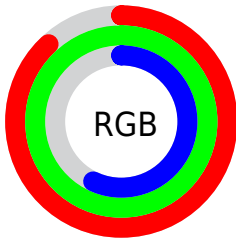
Format	Color
RYB	146, 252, 173
Decimal	14810258
CIELab	95.04, -24.82, 47.75
CIELCh	95, 53.819, 117.467
Yxy	87.7037, 0.3568, 0.4404
Android (android.graphics.Color)	4293000338 (0xFFE1FC92)
YUV	231.8430, -42.3206, -6.0013
Hunter-Lab	93.6502, -28.4645, 39.9919

Details

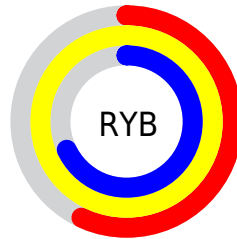
The YUV color **231.8430, -42.3206, -6.0013** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **166.1570, 42.3206, 6.0013**, and the grayscale version is **232.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.8440, -23.5871, 5.3988**, and **175.2990, -40.5734, -6.4012** is the 20% darker color. If you saturate the color by 10%, you get **227.1990, -52.3561, -7.1905**, and if you desaturate by 10%, it is **236.4870, -32.2851, -4.8121**.

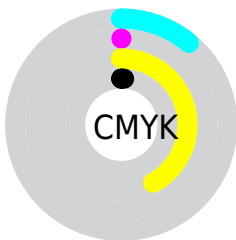
Distribution



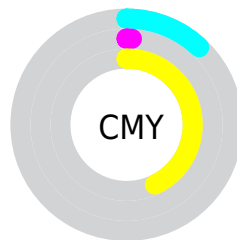
- Red (88%)
- Green (99%)
- Blue (57%)



- Red (57%)
- Yellow (99%)
- Blue (68%)



- Cyan (11%)
- Magenta (0%)
- Yellow (42%)
- Black (1%)



- Cyan (12%)
- Magenta (1%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.8430, -42.3206, -6.0013 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 231.8430, -42.3206, -6.0013 by changing the saturation by 10% instead.

231.8430,
-42.3206, -6.0013

231.8430,
-42.3206, -6.0013

255.0000, 0.0000,
0.0000

203.0710,
-41.4470, -6.2013

248.8440,
-23.5871, 5.3988

175.2990,
-40.5734, -6.4012

252.1500,
-10.9200, 2.4994

148.4130,
-40.1366, -6.5012

122.1140,
-39.9892, -7.1160

95.6580, -41.7364,
-6.7161

71.9550, -35.4738,
-8.7305

50.9790, -25.1326,

-12.2596

■ 28.8070, -14.2019,
-18.2477

■ 15.2620, -7.5242,
-13.3848

■ 231.8430,
-42.3206, -6.0013

■ 231.8430,
-42.3206, -6.0013

■ 227.1990,
-52.3561, -7.1905

■ 236.4870,
-32.2851, -4.8121

■ 222.2560,
-62.2442, -8.9945

■ 241.4300,
-22.3970, -3.0081

■ 217.4980,
-72.7165, -10.0837

■ 246.1880,
-11.9247, -1.9189

■ 212.5550,
-82.6046, -11.8877

■ 251.1310, -2.0366,
-0.1149

■ 207.9110,
-92.6401, -13.0769

■ 253.2390, 0.8682,
1.5444

■ 204.1360,
-100.6390, -14.1513

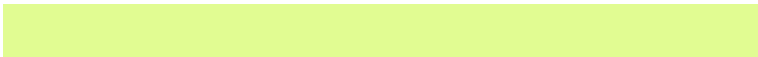
Harmonies

Analogous

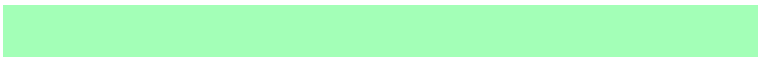
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.1670, -46.9173, 21.7785



231.8430, -42.3206, -6.0013



219.2840, -17.8880, -49.3611

Triad

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



231.8430, -42.3206, -6.0013



178.7550, 37.5888, -156.7681



221.8030, 12.4221, 29.1138

Complementary

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



231.8430, -42.3206, -6.0013



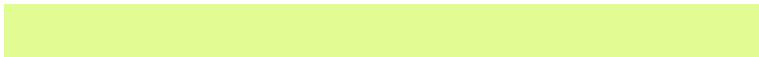
166.1570, 42.3206, 6.0013

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.



228.5850, 13.0226, 23.1660



231.8430, -42.3206, -6.0013



219.5070, 17.4980, -59.2036

Square

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



231.8430, -42.3206, -6.0013



178.7550, 37.5888, -156.7681



234.9540, 9.8827, 3.5483



217.6360, -11.1595, 32.7682

Rectangle

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



231.8430, -42.3206, -6.0013



207.7970, 4.0441, -84.0140



234.9540, 9.8827, 3.5483



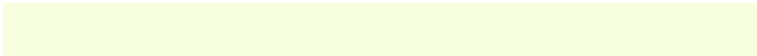
223.8890, 15.3377, 27.2843

Sweetspot

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



231.8430, -42.3206, -6.0013



248.8460, -13.2351, -1.6189



193.5430, -23.4387, 51.2668



123.8120, -8.2883, -1.5891



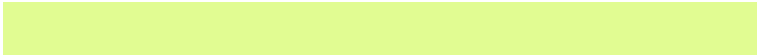
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

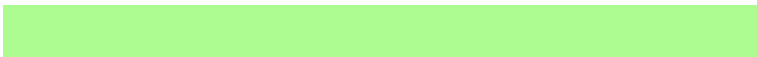
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.8430, -42.3206, -6.0013



230.9540, -50.7563, -6.9757



216.2950, -34.6554, -37.9697



122.6210, -5.2362, -0.5446



153.1020, -75.4793, -10.6135



49.5610, -24.4336, -3.1230

Inverse Universe

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



166.1570, 42.3206, 6.0013



152.0460, 50.7563, 6.9757



182.0040, 34.5080, 38.5845



114.6780, 5.0887, 1.1594



35.8980, 75.4793, 10.6135



11.7380, 24.2862, 3.7378

Previews

White Background



This preview shows how the YUV color 231.8430, -42.3206, -6.0013 looks on a white background.

Color Contrast Check

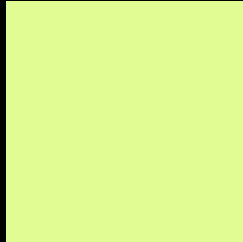
Large Text (above 18pt) WCAG AA × Fail

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 231.8430, -42.3206, -6.0013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

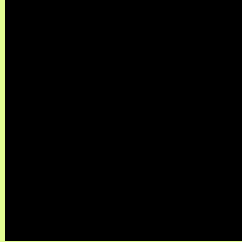
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 231.8430, -42.3206, -6.0013

Background



This preview shows how black text looks on a background with the YUV color 231.8430, -42.3206, -6.0013.



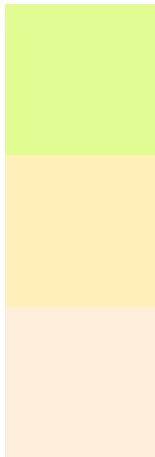
This preview shows how white text looks on a background with the YUV color 231.8430, -42.3206, -6.0013.

-6.0013.

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

231.8430, -42.3206, -6.0013

Protanopia

238.3290, -25.7982, 14.6205

Deuteranopia

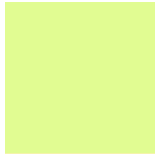
240.4440, -10.0789, 12.7656



Tritanopia

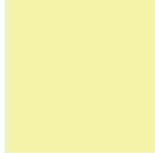
240.8240, 6.9888, -1.5996

Trichromacy



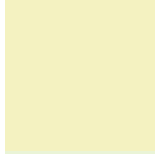
Original Color

231.8430, -42.3206, -6.0013



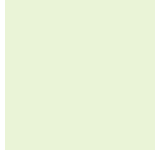
Protanomaly

235.6780, -31.8863, 7.2984



Deuteranomaly

237.0120, -21.6979, 6.1285



Tritanomaly

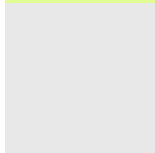
237.7040, -11.1931, -3.2484

Monochromacy



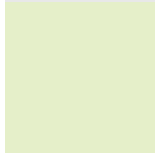
Original Color

231.8430, -42.3206, -6.0013



Achromatopsia

232.0000, 0.0000, 0.0000



Achromatomaly

231.6780, -15.1243, -2.3486

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.8430, -42.3206, -6.0013 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(225, 252, 146)` looks like.

```
.text, #text, p{  
    color:rgb(225, 252, 146)  
}
```

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(225, 252, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 252, 146) }
```

Border

The CSS property to change the border of an element to YUV 231.8430, -42.3206, -6.0013 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(225, 252, 146) }
```


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

```
.border{ border-color:rgb(225, 252, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 252, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 252, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 252, 146);  
box-shadow:4px 4px 4px 4px rgb(225, 252,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 231.8430, -42.3206, -6.0013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 252, 146) }
```

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

```
.background{ background-color: rgb(225,  
252, 146) }
```

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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