

Converting Colors

YUV(244.4430, -28.8124,
1.3655)

Have a look what the booklet for
YUV(244.4430, -28.8124, 1.3655)
contains.

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Color

**YUV(244.4430, -28.8124,
1.3655)**

Conversions

Conversions Part 1

Format	Color
Hex	F6FFBA
RGB	246, 255, 186
RGB Percent	96%, 100%, 73%
CMY	0.0353, 0.0000, 0.2706
CMYK	0.04, 0.00, 0.27, 0.00
HSL	68°, 100%, 86%
HSV	68°, 27%, 100%
XYZ	82.6290, 94.6580, 60.3702
YIQ	244.4430, 16.7850, -23.3670

Conversions

Conversions Part 2

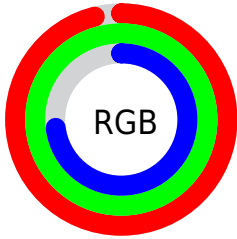
Format	Color
R_{YB}	186, 255, 195
Decimal	16187322
CIE Lab	97.90, -13.73, 32.07
CIE LCh	98, 34.885, 113.182
Yxy	94.6580, 0.3477, 0.3983
Android (android.graphics.Color)	4294377402 (0xFFFF6FFBA)
YUV	244.4430, -28.8124, 1.3655
Hunter-Lab	97.2923, -18.6642, 31.3150

Details

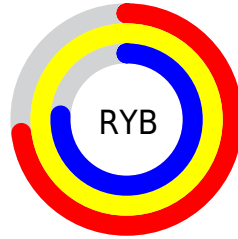
The YUV color $244.4430, -28.8124, 1.3655$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $196.5570, 28.8124, -1.3655$, and the grayscale version is $245.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.6320, -5.2416, 1.1997$, and $187.7850, -27.5020, 1.0656$ is the 20% darker color. If you saturate the color by 10%, you get $240.6960, -39.2901, 2.0206$, and if you desaturate by 10%, it is $248.1900, -18.3347, 0.7104$.

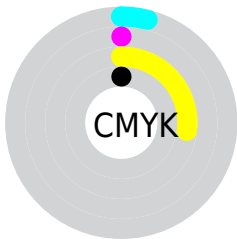
Distribution



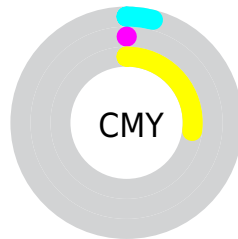
- Red (96%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (76%)



- Cyan (4%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 244.4430, -28.8124, 1.3655 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 244.4430, -28.8124, 1.3655 by changing the saturation by 10% instead.

244.4430,
-28.8124, 1.3655

244.4430,
-28.8124, 1.3655

255.0000, 0.0000,
0.0000

215.6710,
-27.9388, 1.1655

253.6320, -5.2416,
1.1997

187.7850,
-27.5020, 1.0656

161.0130,
-26.6284, 0.8656

134.8280,
-26.0442, 0.1508

109.0560,
-25.1706, -0.0491

84.1700, -24.7338,
-0.1491

60.4580, -24.8758,

-1.2787

■ 39.2390, -19.3448,
-1.9636

■ 19.1270, -9.4296,
-8.8814

■ 244.4430,
-28.8124, 1.3655

■ 244.4430,
-28.8124, 1.3655

■ 240.6960,
-39.2901, 2.0206

■ 248.1900,
-18.3347, 0.7104

■ 236.5360,
-50.0572, 2.1609

■ 252.3500, -7.5675,
0.5701

■ 232.6750,
-60.9718, 2.9160

255.0000, 0.0000,
0.0000

■ 228.9280,
-71.4495, 3.5711

■ 224.7680,
-82.2166, 3.7115

■ 221.0210,
-92.6944, 4.3666

■ 217.2740,
-103.1721, 5.0217

■ 216.0630,
-106.5191, 5.2067

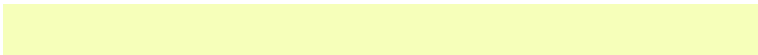
Harmonies

Analogous

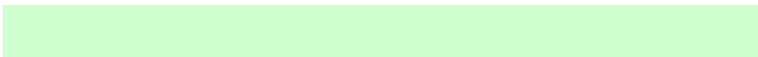
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.2210, -28.7030, 12.9612



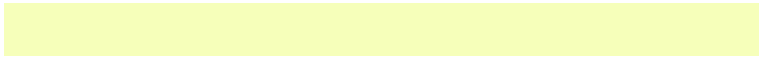
244.4430, -28.8124, 1.3655



235.1760, -13.8908, -24.7104

Triad

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



244.4430, -28.8124, 1.3655



225.6980, 14.4459, -60.2481



237.3900, 8.6817, 15.4440

Complementary

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



244.4430, -28.8124, 1.3655



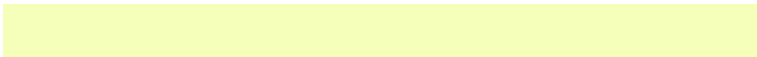
196.5570, 28.8124, -1.3655

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.



241.4990, 6.6560, 11.8404



244.4430, -28.8124, 1.3655



236.7720, 8.9864, -35.7570

Square

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



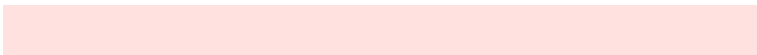
244.4430, -28.8124, 1.3655



223.0070, 15.7725, -65.7811



244.6670, 5.0942, -0.5850



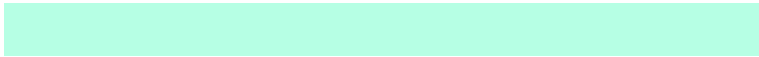
233.8560, -4.8590, 18.5433

Rectangle

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



244.4430, -28.8124, 1.3655



230.0950, -1.0328, -42.1793



244.6670, 5.0942, -0.5850



237.9770, 8.3923, 14.9292

Sweetspot

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



244.4430, -28.8124, 1.3655



251.8230, -8.2937, 0.1552



211.3270, -12.4862, 38.3012



125.9200, -5.3836, 0.0702



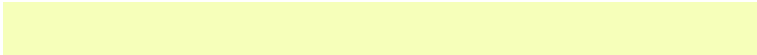
0.0000, 0.0000, 0.0000



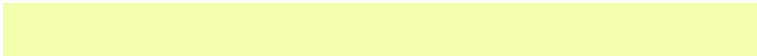
128.0000, 0.0000, 0.0000

Same Dimension

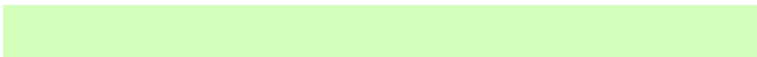
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.4430, -28.8124, 1.3655



242.3630, -34.1960, 1.4356



234.2770, -23.8006, -19.5369



125.9200, -5.3836, 0.0702



161.7510, -79.7432, 3.7264



54.0130, -26.6284, 0.8656

Inverse Universe

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



196.5570, 28.8124, -1.3655



185.6370, 34.1960, -1.4356



206.7230, 23.8006, 19.5369



116.7810, 5.5310, -0.6849



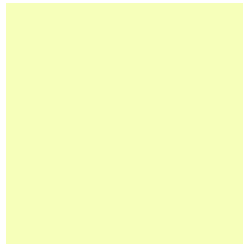
29.2490, 79.7432, -3.7264



9.6880, 26.7758, -1.4804

Previews

White Background



This preview shows how the YUV color 244.4430, -28.8124, 1.3655 looks on a white background.

Color Contrast Check

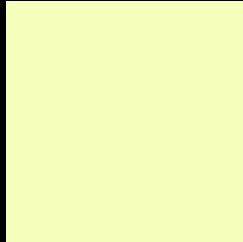
Large Text (above 18pt) WCAG AA × Fail

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 244.4430, -28.8124, 1.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

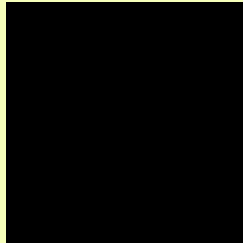
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 244.4430, -28.8124, 1.3655

Background



This preview shows how black text looks on a background with the YUV color 244.4430, -28.8124, 1.3655.



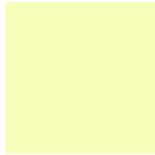
This preview shows how white text looks on a background with the YUV color 244.4430, -28.8124, 1.3655.

1.3655.

Color Blindness Simulation

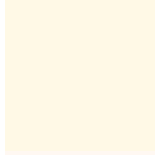
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



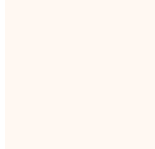
Original Color

244.4430, -28.8124, 1.3655



Protanopia

248.6280, -9.1836, 5.5882



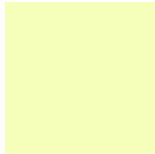
Deuteranopia

249.4090, -3.6526, 4.9033

Tritanopia

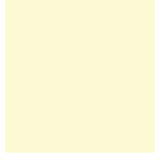
249.4070, 2.7573, 2.2741

Trichromacy



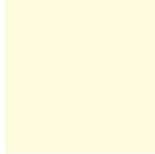
Original Color

244.4430, -28.8124, 1.3655



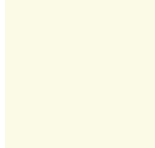
Protanomaly

247.0810, -16.3089, 4.3140



Deuteranomaly

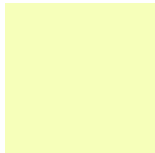
247.9930, -12.8145, 3.5141



Tritanomaly

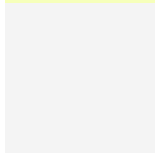
247.7200, -8.7360, 1.9996

Monochromacy



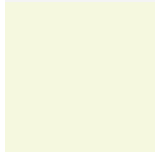
Original Color

244.4430, -28.8124, 1.3655



Achromatopsia

244.0000, 0.0000, 0.0000



Achromatomaly

244.2530, -10.4777, 0.6551

CSS Examples

Text

The CSS property to change the color of the text to YUV 244.4430, -28.8124, 1.3655 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(246, 255, 186)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 186)  
}
```

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(246, 255, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 186) }
```

Border

The CSS property to change the border of an element to YUV 244.4430, -28.8124, 1.3655 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(246, 255, 186) }
```


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

```
.border{ border-color:rgb(246, 255, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 255, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 255, 186); box-shadow:4px 4px 4px 4px rgb(246, 255, 186) }
```

Background

The CSS property to change the background color of an element to YUV 244.4430, -28.8124, 1.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 186) }
```

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

```
.background{ background-color: rgb(246,  
255, 186) }
```

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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