

Converting Colors

YUV(234.4430, -28.8124,
1.3655)

Have a look what the booklet for
YUV(234.4430, -28.8124, 1.3655)
contains.

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Color

**YUV(234.4430, -28.8124,
1.3655)**

Conversions

Conversions Part 1

Format	Color
Hex	ECF5B0
RGB	236, 245, 176
RGB Percent	93%, 96%, 69%
CMY	0.0745, 0.0392, 0.3098
CMYK	0.04, 0.00, 0.28, 0.04
HSL	68°, 78%, 83%
HSV	68°, 28%, 96%
XYZ	75.0810, 86.2723, 53.7693
YIQ	234.4430, 16.7850, -23.3670

Conversions

Conversions Part 2

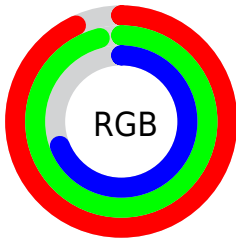
Format	Color
RYB	176, 245, 185
Decimal	15529392
CIELab	94.43, -13.78, 32.31
CIELCh	94, 35.127, 113.100
Yxy	86.2723, 0.3490, 0.4010
Android (android.graphics.Color)	4293719472 (0xFFECEF5B0)
YUV	234.4430, -28.8124, 1.3655
Hunter-Lab	92.8829, -18.2563, 30.6954

Details

The YUV color $234.4430, -28.8124, 1.3655$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $186.5570, 28.8124, -1.3655$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3780, -10.0464, 2.2995$, and $178.4860, -27.3546, 0.4508$ is the 20% darker color. If you saturate the color by 10%, you get $230.6960, -39.2901, 2.0206$, and if you desaturate by 10%, it is $238.1900, -18.3347, 0.7104$.

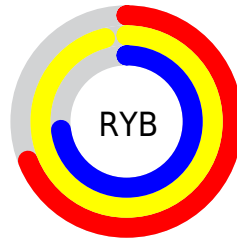
Distribution



Red (93%)

Green (96%)

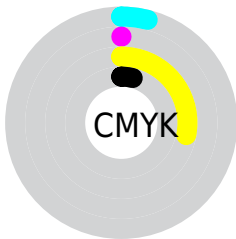
Blue (69%)



Red (69%)

Yellow (96%)

Blue (73%)

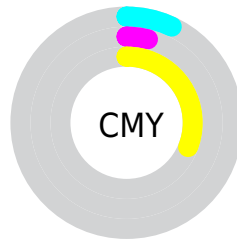


Cyan (4%)

Magenta (0%)

Yellow (28%)

Black (4%)



Cyan (7%)

Magenta (4%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 234.4430, -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 234.4430, -28.8124, 1.3655 by changing the saturation by 10% instead.

■ 234.4430,
-28.8124, 1.3655

■ 234.4430,
-28.8124, 1.3655

255.0000, 0.0000,
0.0000

■ 206.2580,
-28.2282, 0.6507

■ 252.3780,
-10.0464, 2.2995

■ 178.4860,
-27.3546, 0.4508

■ 151.6000,
-26.9178, 0.3508

■ 125.8280,
-26.0442, 0.1508

■ 100.0560,
-25.1706, -0.0491

■ 75.8710, -24.5864,
-0.7639

■ 52.3440, -25.3126,

-1.1787

■ 32.7380, -16.1398,
-3.2782

■ 12.9140, -6.3666,
-11.3256

■ 234.4430,
-28.8124, 1.3655

■ 234.4430,
-28.8124, 1.3655

■ 230.6960,
-39.2901, 2.0206

■ 238.1900,
-18.3347, 0.7104

■ 227.0630,
-49.3311, 2.5757

■ 241.8230, -8.2937,
0.1552

■ 223.0170,
-59.6614, 2.6161

■ 245.8690, 2.0366,
0.1149

■ 219.3840,
-69.7023, 3.1712

■ 247.3360, 3.7784,
1.4593

■ 215.6370,
-80.1800, 3.8264

■ 248.2330, 3.3361,
3.3037

■ 212.0040,
-90.2210, 4.3815

■ 249.1300, 2.8939,
5.1480

■ 208.3710,
-100.2619, 4.9366

■ 207.5020,
-102.2985, 4.8217

Harmonies

Analogous

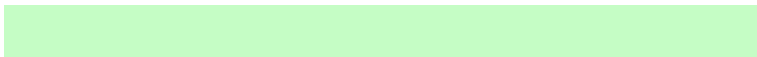
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.2110, -30.1770, 19.1090



234.4430, -28.8124, 1.3655



229.8720, -16.2059, -28.8287

Triad

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



234.4430, -28.8124, 1.3655



221.2350, 16.6461, -65.9811



230.7220, 8.5181, 21.2918

Complementary

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



234.4430, -28.8124, 1.3655



186.5570, 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.



235.6290, 9.5499, 16.9884



234.4430, -28.8124, 1.3655



228.2000, 13.2124, -37.8864

Square

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



234.4430, -28.8124, 1.3655



219.7180, 17.3940, -72.5437



235.8070, 9.4621, -1.5847



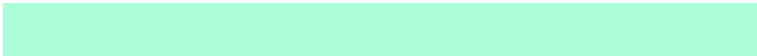
226.8460, -6.3331, 24.6911

Rectangle

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



234.4430, -28.8124, 1.3655



225.9650, -3.9267, -47.3273



235.8070, 9.4621, -1.5847



232.1070, 11.2862, 20.0772

Sweetspot

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



234.4430, -28.8124, 1.3655



251.8230, -8.2937, 0.1552



201.3270, -12.4862, 38.3012



125.9200, -5.3836, 0.0702



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

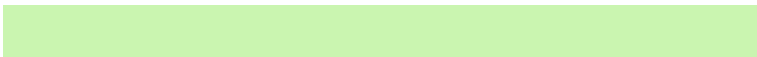
The Same Dimension uses a secret algorithm to generate beautiful new colors.



234.4430, -28.8124, 1.3655



241.7930, -36.3799, 1.9355



224.2770, -23.8006, -19.5369



120.3330, -5.0942, 0.5850



157.6200, -77.7067, 3.8413



49.8820, -24.5918, 0.9805

Inverse Universe

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



186.5570, 28.8124, -1.3655



181.5060, 36.2325, -1.3208



196.7230, 23.8006, 19.5369



111.9660, 4.9468, 0.0298



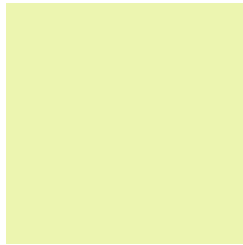
28.3800, 77.7067, -3.8413



9.1180, 24.5918, -0.9805

Previews

White Background



This preview shows how the YUV color 234.4430, -28.8124, 1.3655 looks on a white background.

Color Contrast Check

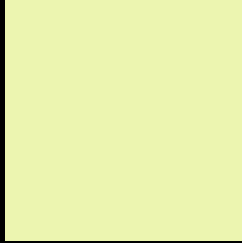
Large Text (above 18pt) WCAG AA × Fail

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 234.4430, -28.8124, 1.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

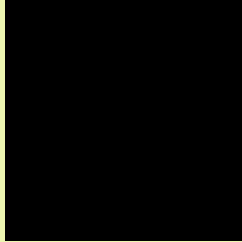
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 234.4430, -28.8124, 1.3655

Background



This preview shows how black text looks on a background with the YUV color 234.4430, -28.8124, 1.3655.

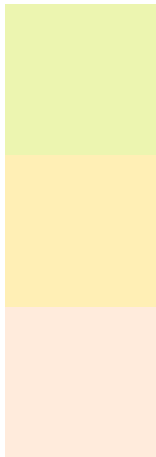


This preview shows how white text looks on a background with the YUV color 234.4430, -28.8124, 1.3655.

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

234.4430, -28.8124, 1.3655

Protanopia

237.1720, -27.6928, 15.6352

Deuteranopia

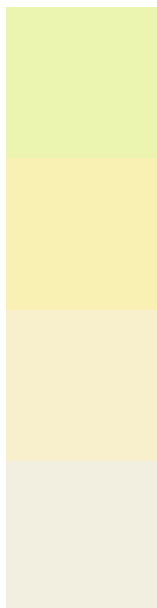
239.2700, -9.5001, 13.7952



Tritanopia

240.3410, 6.2409, 4.9629

Trichromacy



Original Color

234.4430, -28.8124, 1.3655

Protanomaly

236.0250, -28.1133, 10.5021

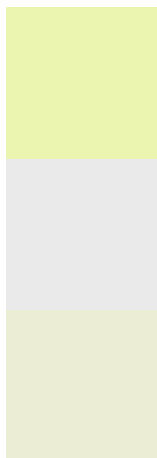
Deuteranomaly

237.7010, -16.6146, 9.0322

Tritanomaly

238.3010, -6.5574, 3.2440

Monochromacy



Original Color

234.4430, -28.8124, 1.3655

Achromatopsia

234.0000, 0.0000, 0.0000

Achromatomaly

234.2530, -10.4777, 0.6551

CSS Examples

Text

The CSS property to change the color of the text to YUV 234.4430, -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(236, 245, 176)` looks like.

```
.text, #text, p{  
    color:rgb(236, 245, 176)  
}
```

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(236, 245, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 245, 176) }
```

Border

The CSS property to change the border of an element to YUV 234.4430, -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(236, 245, 176) }
```


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

```
.border{ border-color:rgb(236, 245, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 245, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 245, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 245, 176);  
box-shadow:4px 4px 4px 4px rgb(236, 245,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 234.4430, -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(236, 245, 176) }
```

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

```
.background{ background-color: rgb(236,  
245, 176) }
```

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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