

Converting Colors

YUV(237.5350, -28.3648,
-2.2232)

Have a look what the booklet for
YUV(237.5350, -28.3648, -2.2232)
contains.

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Color

**YUV(237.5350, -28.3648,
-2.2232)**

Conversions

Conversions Part 1

Format	Color
Hex	EBFAB4
RGB	235, 250, 180
RGB Percent	92%, 98%, 71%
CMY	0.0784, 0.0196, 0.2941
CMYK	0.06, 0.00, 0.28, 0.02
HSL	73°, 88%, 84%
HSV	73°, 28%, 98%
XYZ	76.6848, 89.3287, 56.3805
YIQ	237.5350, 13.5300, -24.9500

Conversions

Conversions Part 2

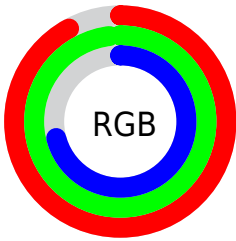
Format	Color
RYB	180, 250, 195
Decimal	15465140
CIELab	95.72, -16.07, 32.01
CIELCh	96, 35.821, 116.654
Yxy	89.3287, 0.3448, 0.4017
Android (android.graphics.Color)	4293655220 (0xFFEBFAB4)
YUV	237.5350, -28.3648, -2.2232
Hunter-Lab	94.5138, -20.5714, 30.7914

Details

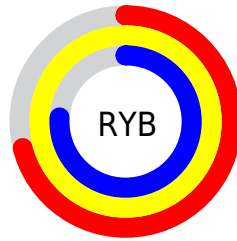
The YUV color $237.5350, -28.3648, -2.2232$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $192.4650, 28.3648, 2.2232$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.8340, -8.2992, 1.8996$, and $181.8770, -27.0544, -2.5231$ is the 20% darker color. If you saturate the color by 10%, you get $233.1900, -38.5477, -2.7976$, and if you desaturate by 10%, it is $241.8800, -18.1818, -1.6488$.

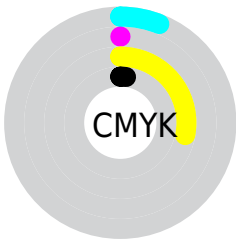
Distribution



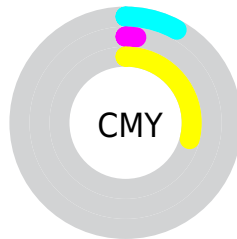
- Red (92%)
- Green (98%)
- Blue (71%)



- Red (71%)
- Yellow (98%)
- Blue (76%)



- Cyan (6%)
- Magenta (0%)
- Yellow (28%)
- Black (2%)



- Cyan (8%)
- Magenta (2%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 237.5350, -28.3648, -2.2232 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 237.5350, -28.3648, -2.2232 by changing the saturation by 10% instead.


 237.5350,
-28.3648, -2.2232

 237.5350,
-28.3648, -2.2232


255.0000, 0.0000,
0.0000


 208.7630,
-27.4912, -2.4232


 252.8340, -8.2992,
1.8996

 181.8770,
-27.0544, -2.5231

 154.1050,
-26.1808, -2.7231

 128.2190,
-25.7440, -2.8231

 102.5610,
-24.4336, -3.1230

 78.2620, -24.2862,
-3.7378

 54.2620, -24.2862,

-3.7378

■ 34.2000, -16.8606,
-5.4374

■ 14.6750, -7.2348,
-12.8700

■ 237.5350,
-28.3648, -2.2232

■ 237.5350,
-28.3648, -2.2232

■ 233.1900,
-38.5477, -2.7976

■ 241.8800,
-18.1818, -1.6488

■ 228.5460,
-48.5832, -3.9868

■ 246.5240, -8.1463,
-0.4595

■ 224.2010,
-58.7661, -4.5613

■ 250.8690, 2.0366,
0.1149

■ 219.8560,
-68.9490, -5.1357

■ 252.0650, 1.4470,
2.5740

■ 215.2120,
-78.9845, -6.3249

■ 210.8670,
-89.1674, -6.8994

■ 206.2230,
-99.2029, -8.0886

■ 205.3540,
-101.2395, -8.2035

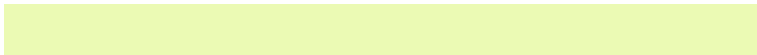
Harmonies

Analogous

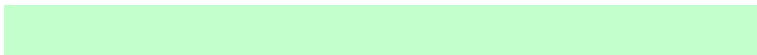
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.3740, -30.7504, 16.3350



237.5350, -28.3648, -2.2232



231.2460, -13.4323, -31.7877

Triad

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



237.5350, -28.3648, -2.2232



223.6050, 15.4777, -64.5516



231.8960, 7.9393, 20.2622

Complementary

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



237.5350, -28.3648, -2.2232



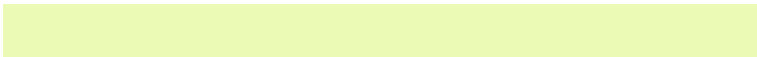
192.4650, 28.3648, 2.2232

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.



236.8030, 8.9711, 15.9588



237.5350, -28.3648, -2.2232



231.7660, 11.4544, -33.9978

Square

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



237.5350, -28.3648, -2.2232



219.7180, 17.3940, -72.5437



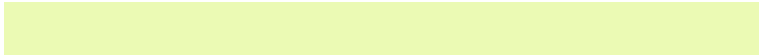
239.6720, 7.5567, 2.9187



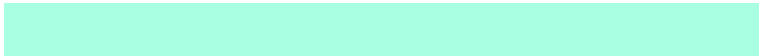
229.0800, -7.9274, 22.7318

Rectangle

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



237.5350, -28.3648, -2.2232



225.9800, 0.0099, -49.9715



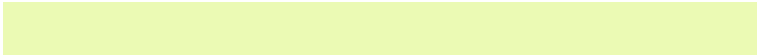
239.6720, 7.5567, 2.9187



233.8680, 10.4181, 18.5328

Sweetspot

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



237.5350, -28.3648, -2.2232



251.5240, -8.1463, -0.4595



209.1480, -14.3700, 35.8272



125.6210, -5.2362, -0.5446



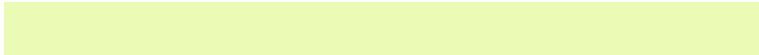
0.0000, 0.0000, 0.0000



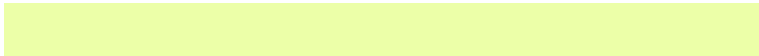
128.0000, 0.0000, 0.0000

Same Dimension

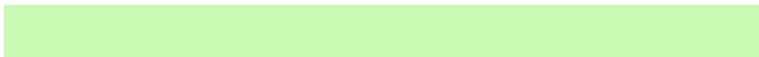
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.5350, -28.3648, -2.2232



239.4010, -35.2007, -2.9827



227.3690, -23.3529, -23.1256



122.6210, -5.2362, -0.5446



155.1950, -76.5111, -6.3100



50.1590, -24.7284, -1.8934

Inverse Universe

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



192.4650, 28.3648, 2.2232



183.5990, 35.2007, 2.9827



202.6310, 23.3529, 23.1256



114.3790, 5.2362, 0.5446



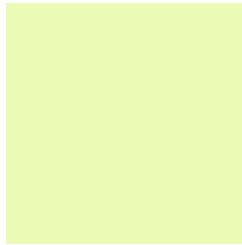
33.5060, 76.6585, 5.6952



10.8410, 24.7284, 1.8934

Previews

White Background



This preview shows how the YUV color 237.5350, -28.3648, -2.2232 looks on a white background.

Color Contrast Check

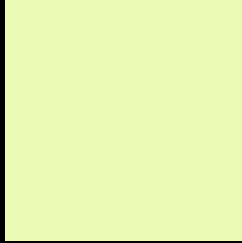
Large Text (above 18pt) WCAG AA × Fail

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 237.5350, -28.3648, -2.2232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

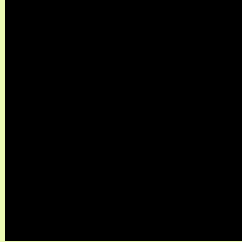
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 237.5350, -28.3648, -2.2232

Background



This preview shows how black text looks on a background with the YUV color 237.5350, -28.3648, -2.2232.



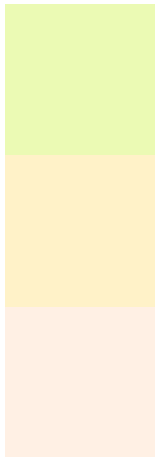
This preview shows how white text looks on a background with the YUV color 237.5350, -28.3648, -2.2232.

-2.2232.

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

237.5350, -28.3648, -2.2232

Protanopia

241.0990, -20.2618, 12.1912

Deuteranopia

243.1170, -7.4527, 10.4214



Tritanopia

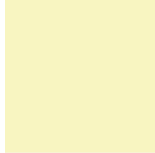
243.2050, 5.8149, 1.5742

Trichromacy



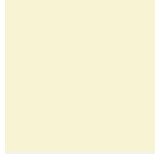
Original Color

237.5350, -28.3648, -2.2232



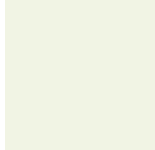
Protanomaly

239.9690, -23.1557, 7.0432



Deuteranomaly

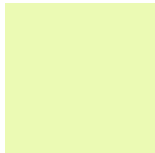
241.4340, -15.0040, 5.7584



Tritanomaly

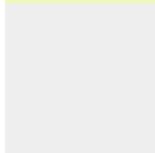
241.2790, -6.5465, -0.2447

Monochromacy



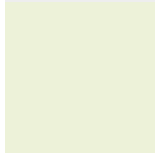
Original Color

237.5350, -28.3648, -2.2232



Achromatopsia

238.0000, 0.0000, 0.0000



Achromatomaly

237.6550, -10.1829, -0.5744

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.5350, -28.3648, -2.2232 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(235, 250, 180)` looks like.

```
.text, #text, p{  
    color:rgb(235, 250, 180)  
}
```

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(235, 250, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 250, 180) }
```

Border

The CSS property to change the border of an element to YUV 237.5350, -28.3648, -2.2232 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(235, 250, 180) }
```


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

```
.border{ border-color:rgb(235, 250, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 250, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 250, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 250, 180);  
box-shadow:4px 4px 4px 4px rgb(235, 250,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 237.5350, -28.3648, -2.2232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 250, 180) }
```

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

```
.background{ background-color: rgb(235,  
250, 180) }
```

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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