

Converting Colors

YUV(235.2690, -28.2336,
2.3951)

Have a look what the booklet for
YUV(235.2690, -28.2336, 2.3951)
contains.

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Color

**YUV(235.2690, -28.2336,
2.3951)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF5B2
RGB	238, 245, 178
RGB Percent	93%, 96%, 70%
CMY	0.0667, 0.0392, 0.3020
CMYK	0.03, 0.00, 0.27, 0.04
HSL	66°, 77%, 83%
HSV	66°, 27%, 96%
XYZ	75.9482, 86.6963, 54.8506
YIQ	235.2690, 17.3350, -22.3210

Conversions

Conversions Part 2

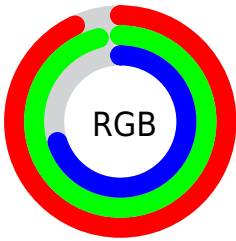
Format	Color
RYB	178, 245, 185
Decimal	15660466
CIELab	94.61, -12.79, 31.57
CIELCh	95, 34.060, 112.051
Yxy	86.6963, 0.3492, 0.3986
Android (android.graphics.Color)	4293850546 (0xFFEEF5B2)
YUV	235.2690, -28.2336, 2.3951
Hunter-Lab	93.1109, -17.3460, 30.2505

Details

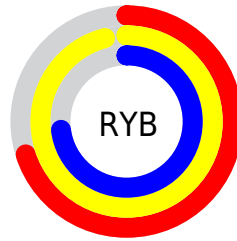
The YUV color $235.2690, -28.2336, 2.3951$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $187.7310, 28.2336, -2.3951$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.6060, -9.1728, 2.0995$, and $179.3120, -26.7758, 1.4804$ is the 20% darker color. If you saturate the color by 10%, you get $231.6360, -38.2745, 2.9502$, and if you desaturate by 10%, it is $239.0160, -17.7559, 1.7400$.

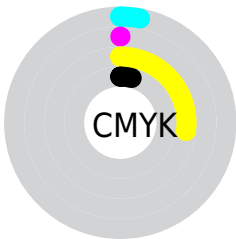
Distribution



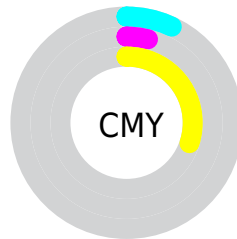
- Red (93%)
- Green (96%)
- Blue (70%)



- Red (70%)
- Yellow (96%)
- Blue (73%)



- Cyan (3%)
- Magenta (0%)
- Yellow (27%)
- Black (4%)



- Cyan (7%)
- Magenta (4%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.2690, -28.2336, 2.3951 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 235.2690, -28.2336, 2.3951 by changing the saturation by 10% instead.

■ 235.2690,
-28.2336, 2.3951

■ 235.2690,
-28.2336, 2.3951

■ 255.0000, 0.0000,
0.0000

■ 207.0840,
-27.6494, 1.6803

■ 252.6060, -9.1728,
2.0995

■ 179.3120,
-26.7758, 1.4804

■ 152.4260,
-26.3390, 1.3804

■ 126.6540,
-25.4654, 1.1804

■ 100.8820,
-24.5918, 0.9805

■ 76.6970, -24.0076,
0.2657

■ 53.2840, -24.2970,

-0.2491

■ 33.3360, -16.4346,
-2.0487

■ 12.9140, -6.3666,
-11.3256

■ 235.2690,
-28.2336, 2.3951

■ 235.2690,
-28.2336, 2.3951

■ 231.6360,
-38.2745, 2.9502

■ 239.0160,
-17.7559, 1.7400

■ 228.1880,
-48.8997, 4.2201

■ 242.3500, -7.5675,
0.5701

■ 224.4410,
-59.3774, 4.8752

■ 245.9830, 2.4734,
0.0149

■ 221.1070,
-69.5658, 6.0452

■ 247.0370, 3.9258,
0.8446

■ 217.3600,
-80.0435, 6.7003

■ 247.9340, 3.4835,
2.6889

■ 214.0260,
-90.2318, 7.8702

■ 248.5320, 3.1887,
3.9184

■ 210.2790,
-100.7095, 8.5253

■ 249.1300, 2.8939,
5.1480

■ 209.2960,
-103.1829, 8.5104

Harmonies

Analogous

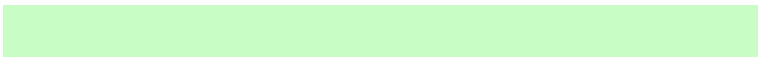
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.5530, -28.8666, 18.8090



235.2690, -28.2336, 2.3951



230.8830, -16.2113, -27.0844

Triad

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



235.2690, -28.2336, 2.3951



222.7190, 15.9145, -64.6516



231.5370, 9.1023, 20.5771

Complementary

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



235.2690, -28.2336, 2.3951



187.7310, 28.2336, -2.3951

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.



236.2160, 9.2605, 16.4736



235.2690, -28.2336, 2.3951



228.4990, 13.0650, -37.2716

Square

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



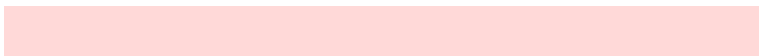
235.2690, -28.2336, 2.3951



221.2130, 16.6570, -69.4698



236.0950, 9.3202, -2.7143



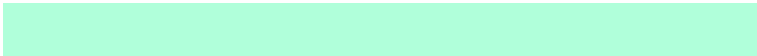
228.2480, -6.0383, 23.4615

Rectangle

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



235.2690, -28.2336, 2.3951



227.1610, -4.5164, -44.8682



236.0950, 9.3202, -2.7143



233.2810, 10.7075, 19.0476

Sweetspot

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



235.2690, -28.2336, 2.3951



252.1220, -8.4411, 0.7700



202.1420, -11.9020, 37.5865



125.9200, -5.3836, 0.0702



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

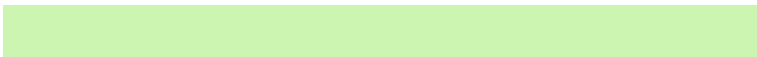
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.2690, -28.2336, 2.3951



242.7330, -35.3644, 2.8652



225.4020, -23.3692, -17.8926



120.3330, -5.0942, 0.5850



159.1150, -78.4437, 6.9151



50.4800, -24.8866, 2.2100

Inverse Universe

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



187.7310, 28.2336, -2.3951



183.2670, 35.3644, -2.8652



197.5980, 23.3692, 17.8926



111.6670, 5.0942, -0.5850



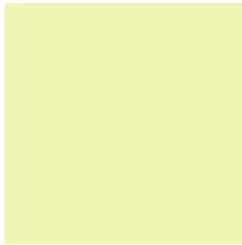
26.8850, 78.4437, -6.9151



8.5200, 24.8866, -2.2100

Previews

White Background



This preview shows how the YUV color 235.2690, -28.2336, 2.3951 looks on a white background.

Color Contrast Check

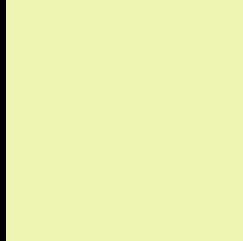
Large Text (above 18pt) WCAG AA × Fail

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 235.2690, -28.2336, 2.3951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

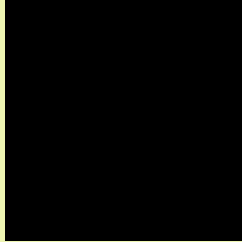
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

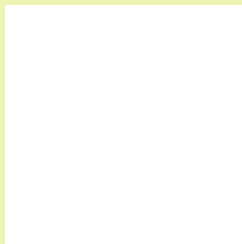
Any Text WCAG AAA ✓ Pass

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

YUV 235.2690, -28.2336, 2.3951 Background



This preview shows how black text looks on a background with the YUV color 235.2690, -28.2336, 2.3951.

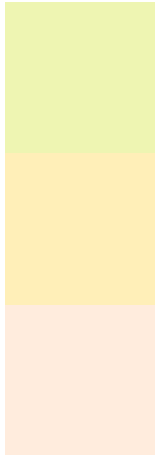


This preview shows how white text looks on a background with the YUV color 235.2690, -28.2336, 2.3951.

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

235.2690, -28.2336, 2.3951

Protanopia

237.5140, -26.3824, 15.3352

Deuteranopia

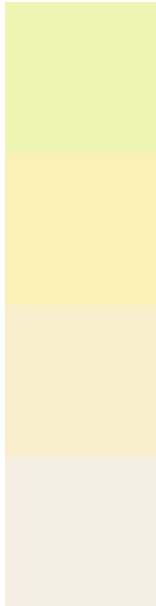
239.9710, -9.3527, 13.1804



Tritanopia

241.0530, 6.3829, 6.0925

Trichromacy



Original Color

235.2690, -28.2336, 2.3951

Protanomaly

236.6660, -26.9503, 10.8169

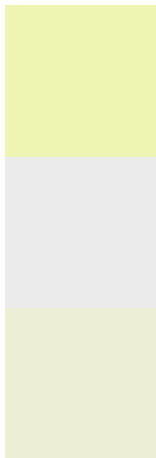
Deuteranomaly

238.1140, -16.3252, 9.5470

Tritanomaly

239.0130, -6.4154, 4.3736

Monochromacy



Original Color

235.2690, -28.2336, 2.3951

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

235.2530, -10.4777, 0.6551

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.2690, -28.2336, 2.3951 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(238, 245, 178)` looks like.

```
.text, #text, p{  
    color:rgb(238, 245, 178)  
}
```

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(238, 245, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 245, 178) }
```

Border

The CSS property to change the border of an element to YUV 235.2690, -28.2336, 2.3951 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(238, 245, 178) }
```


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

```
.border{ border-color:rgb(238, 245, 178) }
```

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

Here you see how a box with a 4 pixel rgb(238, 245, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 245, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 245, 178);  
box-shadow:4px 4px 4px 4px rgb(238, 245,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 235.2690, -28.2336, 2.3951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 245, 178) }
```

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

```
.background{ background-color: rgb(238,  
245, 178) }
```

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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