

# Converting Colors

YUV(235.4760, -28.8287,  
6.5985)

Have a look what the booklet for  
YUV(235.4760, -28.8287, 6.5985)  
contains.

<b>YUV(235.4760, -28.8287, 6.5985)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(235.4760, -28.8287,  
6.5985)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3F3B1
RGB	243, 243, 177
RGB Percent	95%, 95%, 69%
CMY	0.0471, 0.0471, 0.3059
CMYK	0.00, 0.00, 0.27, 0.05
HSL	60°, 73%, 82%
HSV	60°, 27%, 95%
XYZ	76.9486, 86.3302, 54.2027
YIQ	235.4760, 21.1860, -20.5260

# Conversions

## Conversions Part 2

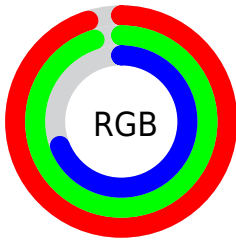
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 243, 177
Decimal	15987633
CIELab	94.45, -10.09, 31.93
CIELCh	94, 33.485, 107.532
Yxy	86.3302, 0.3538, 0.3970
Android (android.graphics.Color)	4294177713 (0xFFFF3F3B1)
YUV	235.4760, -28.8287, 6.5985
Hunter-Lab	92.9140, -14.7714, 30.4522

# Details

The YUV color  $235.4760, -28.8287, 6.5985$  is a light color, and the websafe version is hex  $FFFCC$ . A complement of this color would be  $184.5240, 28.8287, -6.5985$ , and the grayscale version is  $236.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $252.4920, -9.6096, 2.1995$ , and  $179.5190, -27.3709, 5.6838$  is the 20% darker color. If you saturate the color by 10%, you get  $232.7400, -39.3118, 8.9980$ , and if you desaturate by 10%, it is  $238.2120, -18.3455, 4.1991$ .

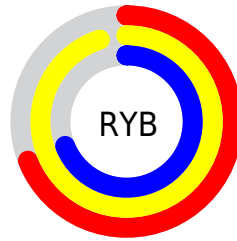
# Distribution



Red (95%)

Green (95%)

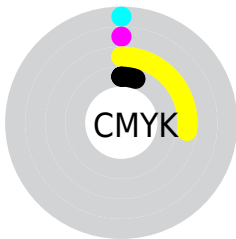
Blue (69%)



Red (69%)

Yellow (95%)

Blue (69%)

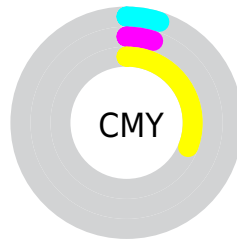


Cyan (0%)

Magenta (0%)

Yellow (27%)

Black (5%)



Cyan (5%)

Magenta (5%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 235.4760, -28.8287, 6.5985 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 235.4760, -28.8287, 6.5985 by changing the saturation by 10% instead.



■ 235.4760,  
-28.8287, 6.5985

■ 235.4760,  
-28.8287, 6.5985

255.0000, 0.0000,  
0.0000

■ 207.2910,  
-28.2445, 5.8838

■ 252.4920, -9.6096,  
2.1995

■ 179.5190,  
-27.3709, 5.6838

■ 152.6330,  
-26.9341, 5.5839

■ 126.5620,  
-25.9131, 4.7691

■ 101.3770,  
-25.3289, 4.0544

■ 76.6050, -24.4553,  
3.8544

■ 53.1920, -24.7447,

3.3396

■ 33.6460, -16.5875,  
0.3105

■ 11.7400, -5.7878,  
-10.2960

■ 235.4760,  
-28.8287, 6.5985

■ 235.4760,  
-28.8287, 6.5985

■ 232.7400,  
-39.3118, 8.9980

■ 238.2120,  
-18.3455, 4.1991

■ 229.8900,  
-50.2318, 11.4975

■ 241.0620, -7.4256,  
1.6996

■ 227.1540,  
-60.7149, 13.8969

■ 243.7980, 3.0576,  
-0.6998

■ 224.4180,  
-71.1981, 16.2964

■ 244.3680, 5.2416,  
-1.1997

■ 221.5680,  
-82.1180, 18.7959

■ 218.8320,  
-92.6012, 21.1953

■ 216.0960,  
-103.0843, 23.5948

■ 215.2980,  
-106.1419, 24.2947

# Harmonies

## Analogous

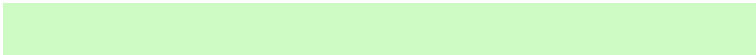
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.4930, -27.8510, 19.7386



235.4760, -28.8287, 6.5985



231.1610, -17.8274, -22.0662

# Triad

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



235.4760, -28.8287, 6.5985



222.4200, 16.0619, -65.2663



232.5800, 10.5601, 19.6623

# Complementary

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



235.4760, -28.8287, 6.5985



184.5240, 28.8287, -6.5985

# 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



235.4760, -28.8287, 6.5985



227.2920, 13.6600, -41.4751

# Square

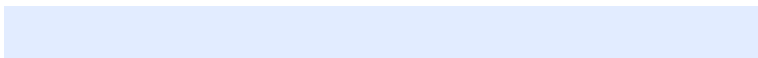
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



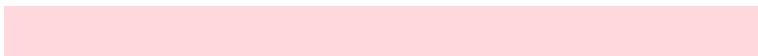
235.4760, -28.8287, 6.5985



222.1100, 16.2148, -67.6255



235.1760, 9.7732, -8.0474



228.2310, -3.5649, 23.4764

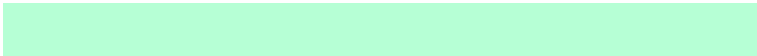


# Rectangle

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



235.4760, -28.8287, 6.5985



228.3850, -7.5848, -40.6796



235.1760, 9.7732, -8.0474



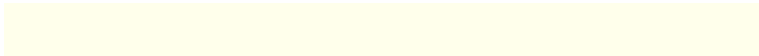
233.8680, 10.4181, 18.5328

# Sweetspot

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



235.4760, -28.8287, 6.5985



252.7200, -8.7360, 1.9996



196.7340, -9.7289, 40.5753



126.5180, -5.6784, 1.2997



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

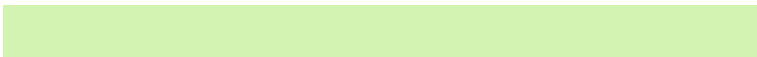
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.4760, -28.8287, 6.5985



245.4240, -36.6910, 8.3982



225.6090, -23.9642, -13.6891



120.6320, -5.2416, 1.1997



164.7960, -81.2444, 18.5959



52.2740, -25.7711, 5.8987



# Inverse Universe

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



184.5240, 28.8287, -6.5985



180.5760, 36.6910, -8.3982



194.3910, 23.9642, 13.6891



111.3680, 5.2416, -1.1997



21.2040, 81.2444, -18.5959

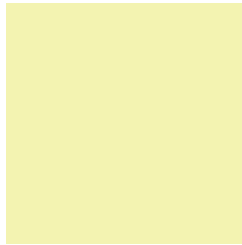


6.7260, 25.7711, -5.8987



# Previews

## White Background



This preview shows how the YUV color 235.4760, -28.8287, 6.5985 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

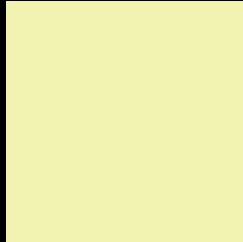
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 235.4760, -28.8287, 6.5985 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

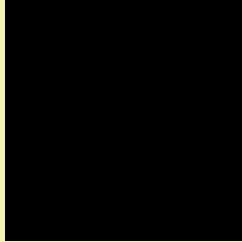
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 235.4760, -28.8287, 6.5985

## Background



This preview shows how black text looks on a background with the YUV color 235.4760, -28.8287, 6.5985.



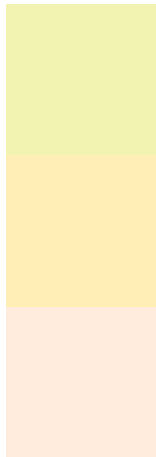
This preview shows how white text looks on a background with the YUV color 235.4760, -28.8287, 6.5985.



# 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

235.4760, -28.8287, 6.5985

### Protanopia

237.2860, -27.2560, 15.5352

### Deuteranopia

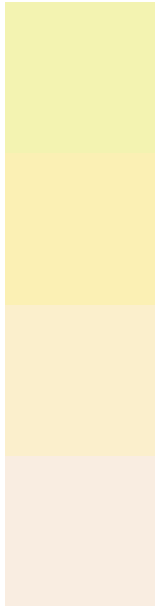
239.8570, -9.7895, 13.2804



## Tritanopia

240.8470, 5.4984, 9.7812

# Trichromacy



## Original Color

235.4760, -28.8287, 6.5985

## Protanomaly

236.4490, -27.8294, 12.7612

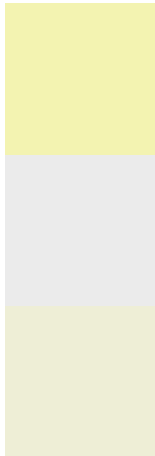
## Deuteranomaly

238.5980, -17.0568, 10.8766

## Tritanomaly

239.2200, -7.0105, 8.5771

# Monochromacy



## Original Color

235.4760, -28.8287, 6.5985

## Achromatopsia

235.0000, 0.0000, 0.0000

## Achromatomaly

235.2640, -10.4832, 2.3995

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 235.4760, -28.8287, 6.5985 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(243, 243, 177)` looks like.

```
.text, #text, p{  
    color:rgb(243, 243, 177)  
}
```

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(243, 243, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 243, 177) }
```

## Border

The CSS property to change the border of an element to YUV 235.4760, -28.8287, 6.5985 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(243, 243, 177) }
```



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

```
.border{ border-color:rgb(243, 243, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 243, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 243, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 243, 177);  
box-shadow:4px 4px 4px 4px rgb(243, 243,  
177) }
```

# Background

The CSS property to change the background color of an element to YUV 235.4760, -28.8287, 6.5985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 243, 177) }
```

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

```
.background{ background-color: rgb(243,  
243, 177) }
```

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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