

# Converting Colors

YUV(238.3700, 2.2826, 14.5845)

Have a look what the booklet for  
YUV(238.3700, 2.2826, 14.5845)  
contains.

<b>YUV(238.3700, 2.2826, 14.5845)</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(238.3700, 2.2826,  
14.5845)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE5F3
RGB	255, 229, 243
RGB Percent	100%, 90%, 95%
CMY	0.0000, 0.1020, 0.0471
CMYK	0.00, 0.10, 0.05, 0.00
HSL	328°, 100%, 95%
HSV	328°, 10%, 100%
XYZ	85.4370, 83.7697, 96.4602
YIQ	238.3700, 11.0020, 9.8660

# Conversions

## Conversions Part 2

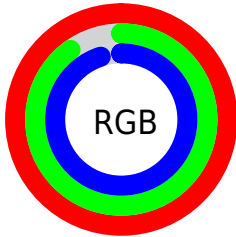
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 229, 243</a>
Decimal	<a href="#">16770547</a>
CIELab	<a href="#">93.35, 11.21, -3.55</a>
CIELCh	<a href="#">93, 11.757, 342.428</a>
Yxy	<a href="#">83.7697, 0.3216, 0.3153</a>
Android (android.graphics.Color)	<a href="#">4294960627</a> ( <a href="#">0xFFFFE5F3</a> )
YUV	<a href="#">238.3700, 2.2826, 14.5845</a>
Hunter-Lab	<a href="#">91.5258, 6.4551, 1.5816</a>

# Details

The YUV color  $238.3700, 2.2826, 14.5845$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $245.6300, -2.2826, -14.5845$ , and the grayscale version is  $238.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $182.6580, 2.1406, 13.4549$  is the 20% darker color. If you saturate the color by 10%, you get  $222.3270, 4.2758, 28.6542$ , and if you desaturate by 10%, it is  $255.0000, 0.0000, 0.0000$ .

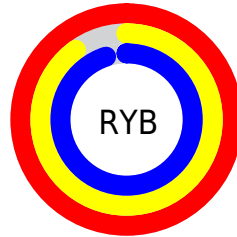
# Distribution



Red (100%)

Green (90%)

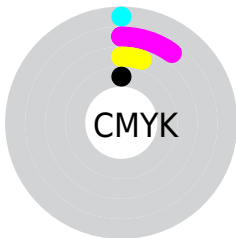
Blue (95%)



Red (100%)

Yellow (90%)

Blue (95%)

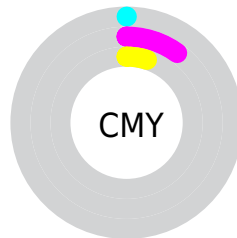


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 238.3700, 2.2826, 14.5845 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 238.3700, 2.2826, 14.5845 by changing the saturation by 10% instead.



 238.3700, 2.2826,  
14.5845


 238.3700, 2.2826,  
14.5845


255.0000, 0.0000,  
0.0000

 210.0710, 2.4300,  
13.9697

 182.6580, 2.1406,  
13.4549

 155.6580, 2.1406,  
13.4549

 129.3590, 2.2880,  
12.8402

 104.0600, 2.4354,  
12.2254

 79.9460, 1.9986,  
12.3254

 57.2340, 1.8566,

11.1958

■ 35.5220, 1.7147,  
10.0662

■ 12.8860, 3.0142,  
13.2550

■ 238.3700, 2.2826,  
14.5845

■ 238.3700, 2.2826,  
14.5845

■ 222.3270, 4.2758,  
28.6542

255.0000, 0.0000,  
0.0000

■ 205.6970, 6.5584,  
43.2387

■ 189.7680, 8.9884,  
57.2085

■ 173.1380, 11.2710,  
71.7930

■ 157.0950, 13.2642,  
85.8627

■ 140.4650, 15.5468,  
100.4472

■ 124.5360, 17.9768,  
114.4169

■ 107.9060, 20.2593,  
129.0014

■ 91.8630, 22.2525,  
143.0711

# Harmonies

## Analogous

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



237.9820, 7.4039, 5.2778



238.3700, 2.2826, 14.5845



236.4150, -2.6696, 16.2990

# Triad

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



238.3700, 2.2826, 14.5845



235.2750, -10.4886, 4.1438



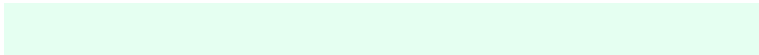
233.1590, 8.7956, -21.1874

# Complementary

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



238.3700, 2.2826, 14.5845



245.6300, -2.2826, -14.5845

# Split Complementary

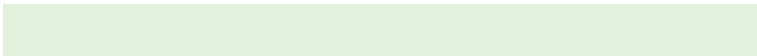
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.4920, 3.7014, -20.6025



238.3700, 2.2826, 14.5845



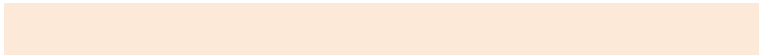
233.7190, -7.2565, -5.8926

# Square

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



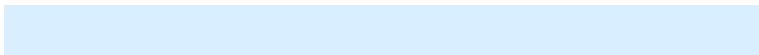
238.3700, 2.2826, 14.5845



236.6290, -10.6631, 13.4804



232.7440, -1.8458, -14.6845



234.2460, 10.2317, -15.1247

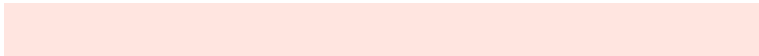


# Rectangle

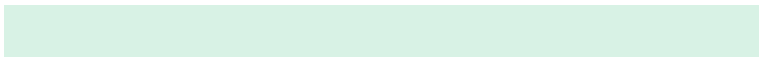
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



238.3700, 2.2826, 14.5845



236.2040, -6.0166, 16.4841



232.7440, -1.8458, -14.6845



232.5180, 7.6326, -21.5023

# Sweetspot

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



238.3700, 2.2826, 14.5845



249.8480, 0.5679, 4.5183



235.5520, 9.5879, 4.7779



124.1360, 0.4260, 3.3887



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

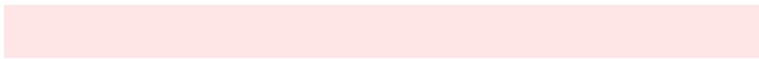
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.3700, 2.2826, 14.5845



235.2070, 2.8559, 17.3585



236.8880, -3.3958, 15.8842



119.6850, 1.1413, 7.2923



68.8510, 16.8355, 107.1247



23.0120, 5.4171, 35.9465



# Inverse Universe

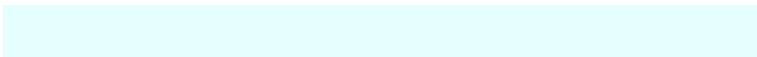
The Inverse Universe completely reimagines the original color for something new.



238.3700, 2.2826, 14.5845



235.2070, 2.8559, 17.3585



247.1120, 3.3958, -15.8842



119.6850, 1.1413, 7.2923



68.8510, 16.8355, 107.1247

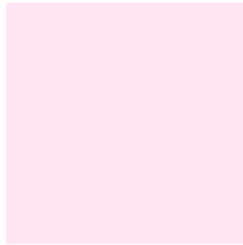


23.0120, 5.4171, 35.9465



# Previews

## White Background



This preview shows how the YUV color 238.3700, 2.2826, 14.5845 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

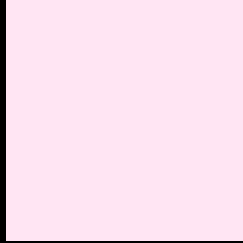
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 238.3700, 2.2826, 14.5845 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

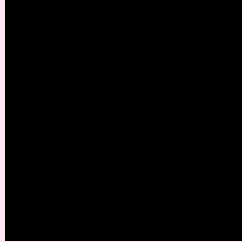
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 238.3700, 2.2826, 14.5845

## Background



This preview shows how black text looks on a background with the YUV color 238.3700, 2.2826, 14.5845.



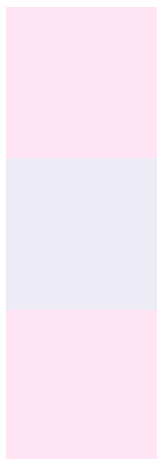
This preview shows how white text looks on a background with the YUV color 238.3700, 2.2826,



# 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

238.3700, 2.2826, 14.5845

### Protanopia

236.8520, 4.5100, 0.1298

### Deuteranopia

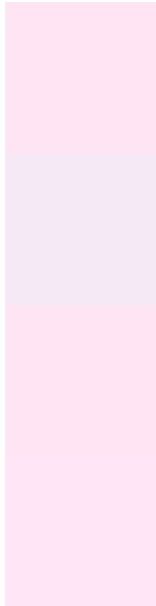
238.3700, 2.2826, 14.5845



## Tritanopia

238.7120, 3.5930, 14.2846

# Trichromacy



## Original Color

238.3700, 2.2826, 14.5845

## Protanomaly

237.6570, 3.6201, 5.5628

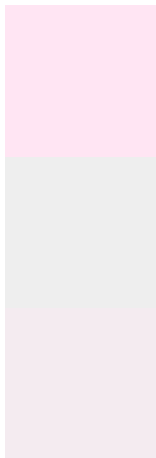
## Deuteranomaly

238.3700, 2.2826, 14.5845

## Tritanomaly

238.5980, 3.1562, 14.3846

# Monochromacy



## Original Color

238.3700, 2.2826, 14.5845

## Achromatopsia

238.0000, 0.0000, 0.0000

## Achromatomaly

238.2610, 0.8573, 5.0331

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 238.3700, 2.2826, 14.5845 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(255, 229, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 243)  
}
```

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(255, 229, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 243) }
```

## Border

The CSS property to change the border of an element to YUV 238.3700, 2.2826, 14.5845 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(255, 229, 243) }
```



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

```
.border{ border-color:rgb(255, 229, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
243) }
```

# Background

The CSS property to change the background color of an element to YUV 238.3700, 2.2826, 14.5845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 243) }
```

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

```
.background{ background-color: rgb(255,  
229, 243) }
```

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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