

# Converting Colors

YUV(233.5340, -3.2213, 6.5477)

Have a look what the booklet for  
YUV(233.5340, -3.2213, 6.5477)  
contains.

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# Color

**YUV(233.5340, -3.2213,  
6.5477)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1E7E3
RGB	241, 231, 227
RGB Percent	95%, 91%, 89%
CMY	0.0549, 0.0941, 0.1098
CMYK	0.00, 0.04, 0.06, 0.05
HSL	17°, 33%, 92%
HSV	17°, 6%, 95%
XYZ	78.7167, 81.3987, 84.2357
YIQ	233.5340, 7.2440, 0.8760

# Conversions

## Conversions Part 2

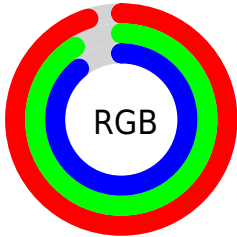
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	241, 233, 227
Decimal	15853539
CIE Lab	92.31, 2.70, 3.14
CIE LCh	92, 4.139, 49.301
Yxy	81.3987, 0.3221, 0.3331
Android (android.graphics.Color)	4294043619 (0xFFFF1E7E3)
YUV	233.5340, -3.2213, 6.5477
Hunter-Lab	90.2212, -2.1485, 7.7983

# Details

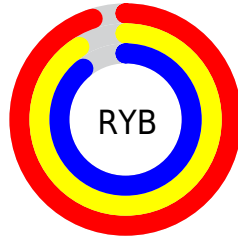
The YUV color  $233.5340, -3.2213, 6.5477$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $234.4660, 3.2213, -6.5477$ , and the grayscale version is  $234.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $177.6480, -2.7845, 6.4477$  is the 20% darker color. If you saturate the color by 10%, you get  $220.8190, -8.7848, 17.6987$ , and if you desaturate by 10%, it is  $246.2490, 2.3422, -4.6034$ .

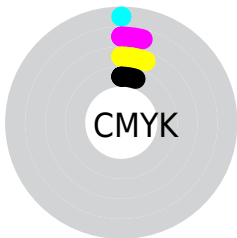
# Distribution



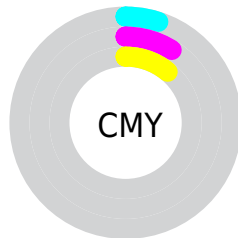
- Red (95%)
- Green (91%)
- Blue (89%)



- Red (95%)
- Yellow (91%)
- Blue (89%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 233.5340, -3.2213, 6.5477 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 233.5340, -3.2213, 6.5477 by changing the saturation by 10% instead.



233.5340, -3.2213,  
6.5477

233.5340, -3.2213,  
6.5477

255.0000, 0.0000,  
0.0000

205.5340, -3.2213,  
6.5477

177.6480, -2.7845,  
6.4477

151.2350, -3.0739,  
5.9329

125.3490, -2.6371,  
5.8329

100.3490, -2.6371,  
5.8329

76.0500, -2.4896,  
5.2182

53.7510, -2.3422,

4.6034

■ 32.7510, -2.3422,  
4.6034

■ 8.7190, -3.8055,  
7.2624

■ 233.5340, -3.2213,  
6.5477

■ 233.5340, -3.2213,  
6.5477

■ 220.8190, -8.7848,  
17.6987

■ 246.2490, 2.3422,  
-4.6034

■ 208.1040,  
-14.3483, 28.8498

■ 250.8140, 2.0637,  
-8.6069

■ 194.8020,  
-19.6224, 40.5156

■ 182.0870,  
-25.1859, 51.6667

■ 169.2580,  
-31.1862, 62.9177

■ 156.5430,  
-36.7497, 74.0688

■ 143.8280,  
-42.3132, 85.2198

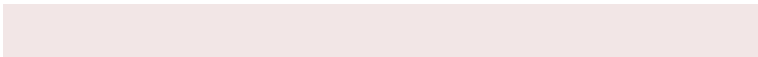
■ 130.5260,  
-47.5873, 96.8857

■ 117.8110,  
-53.1508, 108.0368

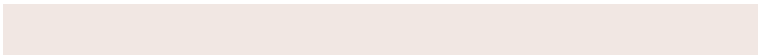
# Harmonies

## Analogous

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



233.5880, -1.7689, 7.3773



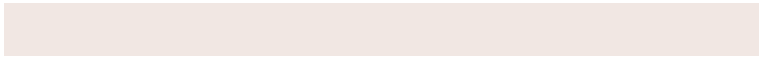
233.5340, -3.2213, 6.5477



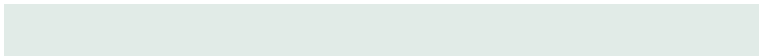
232.9960, -3.9420, 4.3885

# Triad

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



233.5340, -3.2213, 6.5477



231.5540, -0.2731, -5.7479



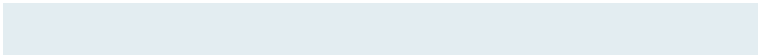
232.9120, 3.4944, -0.7998

# Complementary

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



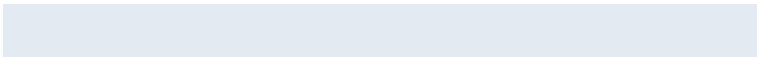
233.5340, -3.2213, 6.5477



234.4660, 3.2213, -6.5477

# Split Complementary

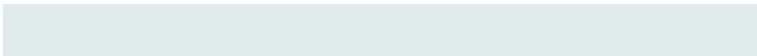
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.0040, 3.9420, -4.3885



233.5340, -3.2213, 6.5477



231.7110, 1.6215, -6.7625

# Square

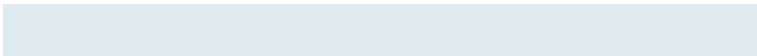
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.5340, -3.2213, 6.5477



232.4080, -2.1731, -2.9888



232.1670, 3.3687, -7.1625



233.5920, 2.1731, 2.9888



# Rectangle

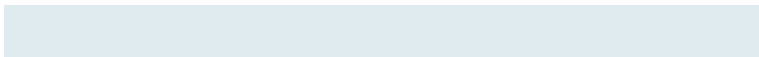
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.5340, -3.2213, 6.5477



232.6860, -3.7892, 2.0294



232.1670, 3.3687, -7.1625



233.0150, 3.9366, -2.6442

# Sweetspot

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



233.5340, -3.2213, 6.5477



252.0820, -1.0264, 2.5591



232.3260, 2.3043, 7.6071



126.4840, -0.7316, 1.3295



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

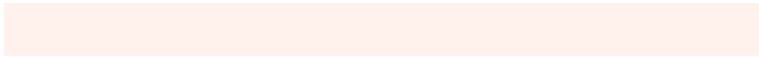


# Same Dimension

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



233.5340, -3.2213, 6.5477



245.3170, -4.1003, 8.4920



237.6430, -5.2470, 2.9441



114.7510, -2.3422, 4.6034



85.5400, -42.1712, 86.3494

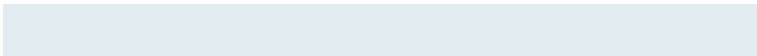


26.1360, -12.8850, 26.1907

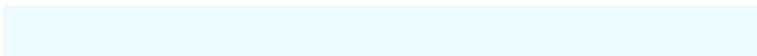


# Inverse Universe

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



234.4660, 3.2213, -6.5477



246.6830, 4.1003, -8.4920



230.3570, 5.2470, -2.9441



115.2490, 2.3422, -4.6034



97.8730, 42.4606, -85.8346

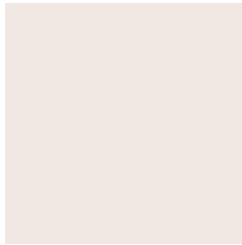


29.8640, 12.8850, -26.1907



# Previews

## White Background



This preview shows how the YUV color 233.5340, -3.2213, 6.5477 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

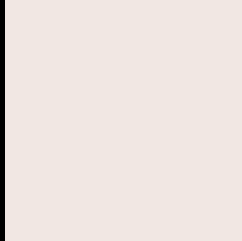
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 233.5340, -3.2213, 6.5477 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

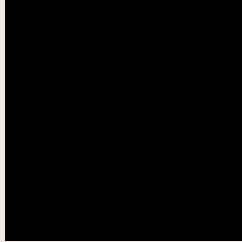
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

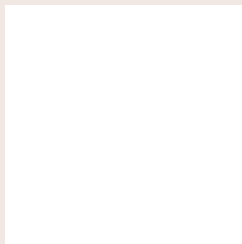
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 233.5340, -3.2213, 6.5477

## Background



This preview shows how black text looks on a background with the YUV color 233.5340, -3.2213, 6.5477.



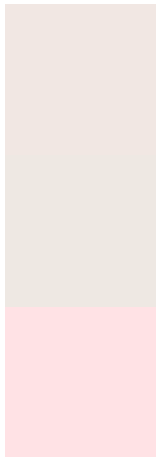
This preview shows how white text looks on a background with the YUV color 233.5340, -3.2213,

6.5477.

# 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

233.5340, -3.2213, 6.5477

### Protanopia

233.2240, -3.0684, 4.1886

### Deuteranopia

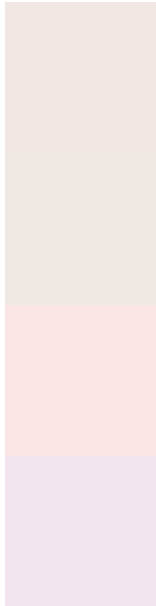
235.0130, -2.9644, 17.5286



## Tritanopia

234.8360, 5.5039, 8.0368

# Trichromacy



## Original Color

233.5340, -3.2213, 6.5477

## Protanomaly

233.5230, -3.2158, 4.8033

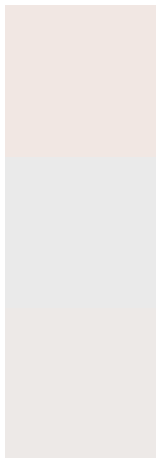
## Deuteranomaly

234.5780, -3.2430, 13.5251

## Tritanomaly

234.3260, 2.3043, 7.6071

# Monochromacy



## Original Color

233.5340, -3.2213, 6.5477

## Achromatopsia

234.0000, 0.0000, 0.0000

## Achromatomaly

233.9680, -1.4632, 2.6591

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 233.5340, -3.2213, 6.5477 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(241, 231, 227)` looks like.

```
.text, #text, p{  
    color:rgb(241, 231, 227)  
}
```

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(241, 231, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 231, 227) }
```

## Border

The CSS property to change the border of an element to YUV 233.5340, -3.2213, 6.5477 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(241, 231, 227) }
```



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

```
.border{ border-color:rgb(241, 231, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 231, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 231, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 231, 227); box-shadow:4px 4px 4px 4px rgb(241, 231, 227) }
```

# Background

The CSS property to change the background color of an element to YUV 233.5340, -3.2213, 6.5477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 231, 227) }
```

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

```
.background{ background-color: rgb(241,  
231, 227) }
```

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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