

Converting Colors

YUV(230.5340, -3.2213, 6.5477)

Have a look what the booklet for
YUV(230.5340, -3.2213, 6.5477)
contains.

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Color

**YUV(230.5340, -3.2213,
6.5477)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE4E0
RGB	238, 228, 224
RGB Percent	93%, 89%, 88%
CMY	0.0667, 0.1059, 0.1216
CMYK	0.00, 0.04, 0.06, 0.07
HSL	17°, 29%, 91%
HSV	17°, 6%, 93%
XYZ	76.4578, 79.0458, 81.7486
YIQ	230.5340, 7.2440, 0.8760

Conversions

Conversions Part 2

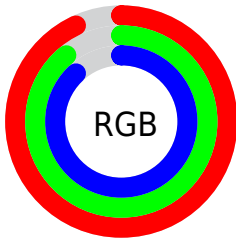
Format	Color
R _Y B	238, 230, 224
Decimal	15656160
CIE Lab	91.25, 2.71, 3.15
CIE LCh	91, 4.150, 49.298
Yxy	79.0458, 0.3223, 0.3332
Android (android.graphics.Color)	4293846240 (0xFFEEE4E0)
YUV	230.5340, -3.2213, 6.5477
Hunter-Lab	88.9077, -2.0840, 7.7196

Details

The YUV color $230.5340, -3.2213, 6.5477$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $231.4660, 3.2213, -6.5477$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $175.2350, -3.0739, 5.9329$ is the 20% darker color. If you saturate the color by 10%, you get $217.8190, -8.7848, 17.6987$, and if you desaturate by 10%, it is $243.2490, 2.3422, -4.6034$.

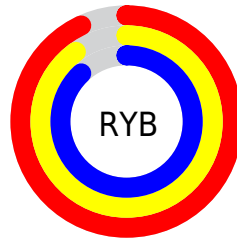
Distribution



Red (93%)

Green (89%)

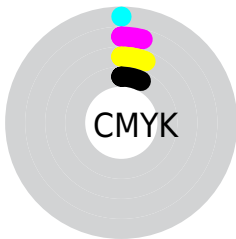
Blue (88%)



Red (93%)

Yellow (90%)

Blue (88%)

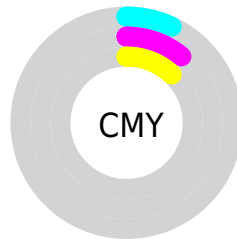


Cyan (0%)

Magenta (4%)

Yellow (6%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.5340, -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 230.5340, -3.2213, 6.5477 by changing the saturation by 10% instead.

■ 230.5340, -3.2213,
6.5477

■ 230.5340, -3.2213,
6.5477

255.0000, 0.0000,
0.0000

■ 202.5340, -3.2213,
6.5477

■ 175.2350, -3.0739,
5.9329

■ 148.2350, -3.0739,
5.9329

■ 122.3490, -2.6371,
5.8329

■ 97.9360, -2.9264,
5.3181

■ 74.0500, -2.4896,
5.2182

■ 51.7510, -2.3422,

4.6034

■ 30.4520, -2.1948,
3.9886

■ 5.3600, -2.6425,
7.5773

■ 230.5340, -3.2213,
6.5477

■ 230.5340, -3.2213,
6.5477

■ 217.8190, -8.7848,
17.6987

■ 243.2490, 2.3422,
-4.6034

■ 205.1040,
-14.3483, 28.8498

■ 249.9170, 2.5059,
-10.4512

■ 192.5030,
-19.4750, 39.9009

■ 179.7880,
-25.0385, 51.0519

■ 167.0730,
-30.6020, 62.2030

■ 154.3580,
-36.1655, 73.3540

■ 141.6430,
-41.7290, 84.5051

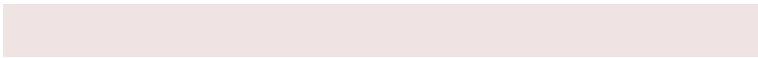
■ 129.0420,
-46.8557, 95.5562

■ 116.3270,
-52.4192, 106.7072

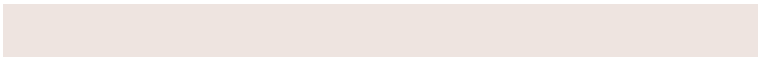
Harmonies

Analogous

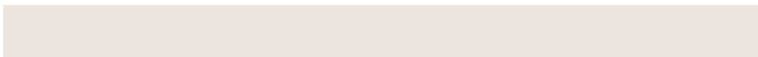
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.5880, -1.7689, 7.3773



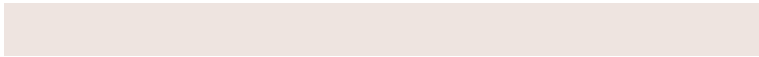
230.5340, -3.2213, 6.5477



229.9960, -3.9420, 4.3885

Triad

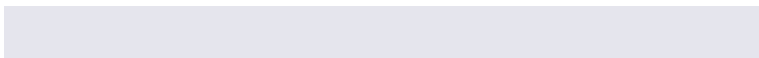
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.5340, -3.2213, 6.5477



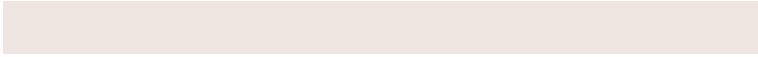
228.5540, -0.2731, -5.7479



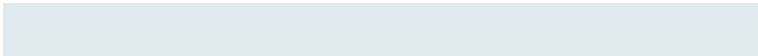
229.9120, 3.4944, -0.7998

Complementary

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



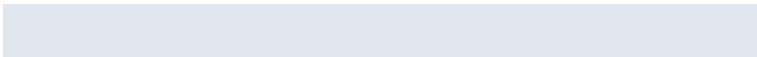
230.5340, -3.2213, 6.5477



231.4660, 3.2213, -6.5477

Split Complementary

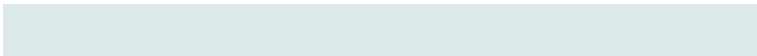
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.0040, 3.9420, -4.3885



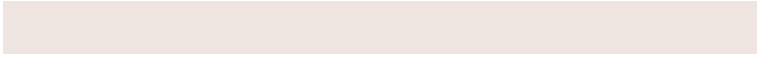
230.5340, -3.2213, 6.5477



228.7110, 1.6215, -6.7625

Square

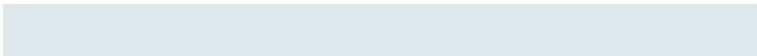
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



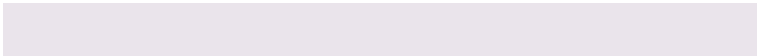
230.5340, -3.2213, 6.5477



229.4080, -2.1731, -2.9888



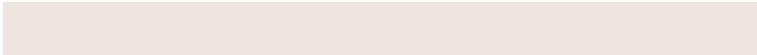
229.1670, 3.3687, -7.1625



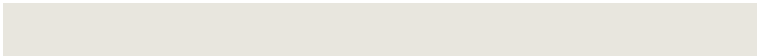
230.5920, 2.1731, 2.9888

Rectangle

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



230.5340, -3.2213, 6.5477



229.6860, -3.7892, 2.0294



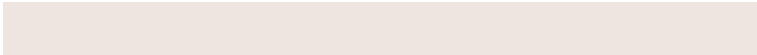
229.1670, 3.3687, -7.1625



230.0150, 3.9366, -2.6442

Sweetspot

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



230.5340, -3.2213, 6.5477



252.0820, -1.0264, 2.5591



229.3260, 2.3043, 7.6071



126.4840, -0.7316, 1.3295



0.0000, 0.0000, 0.0000



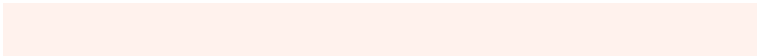
128.0000, 0.0000, 0.0000

Same Dimension

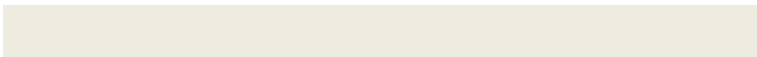
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.5340, -3.2213, 6.5477



245.3170, -4.1003, 8.4920



234.6430, -5.2470, 2.9441



114.7510, -2.3422, 4.6034



85.5400, -42.1712, 86.3494



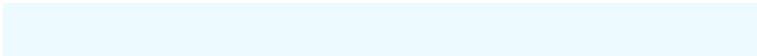
26.1360, -12.8850, 26.1907

Inverse Universe

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



231.4660, 3.2213, -6.5477



246.6830, 4.1003, -8.4920



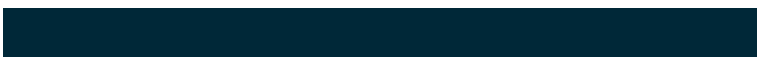
227.3570, 5.2470, -2.9441



115.2490, 2.3422, -4.6034



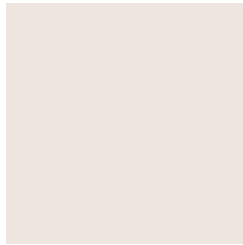
97.8730, 42.4606, -85.8346



29.8640, 12.8850, -26.1907

Previews

White Background



This preview shows how the YUV color 230.5340, -3.2213, 6.5477 looks on a white background.

Color Contrast Check

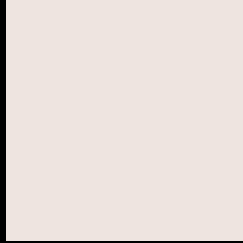
Large Text (above 18pt) WCAG AA × Fail

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 230.5340, -3.2213, 6.5477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

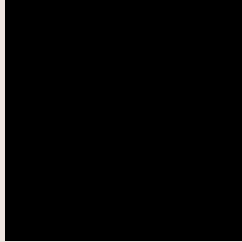
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

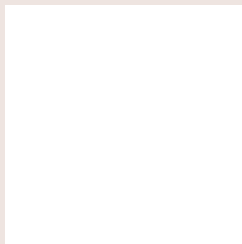
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 230.5340, -3.2213, 6.5477

Background



This preview shows how black text looks on a background with the YUV color 230.5340, -3.2213, 6.5477.



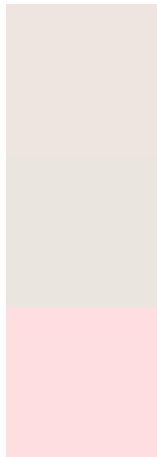
This preview shows how white text looks on a background with the YUV color 230.5340, -3.2213,

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

230.5340, -3.2213, 6.5477

Protanopia

230.2240, -3.0684, 4.1886

Deuteranopia

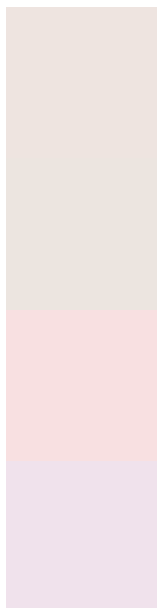
231.9100, -3.4066, 19.3729



Tritanopia

231.8360, 5.5039, 8.0368

Trichromacy



Original Color

230.5340, -3.2213, 6.5477

Protanomaly

230.5230, -3.2158, 4.8033

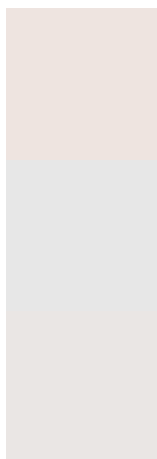
Deuteranomaly

231.2900, -3.1010, 14.6547

Tritanomaly

231.3260, 2.3043, 7.6071

Monochromacy



Original Color

230.5340, -3.2213, 6.5477

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

230.9680, -1.4632, 2.6591

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.5340, -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(238, 228, 224)` looks like.

```
.text, #text, p{  
    color:rgb(238, 228, 224)  
}
```

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, 228, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 228, 224) }
```

Border

The CSS property to change the border of an element to YUV 230.5340, -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(238, 228, 224) }
```


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

```
.border{ border-color:rgb(238, 228, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 228, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 228, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 228, 224);  
box-shadow:4px 4px 4px 4px rgb(238, 228,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 230.5340, -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(238, 228, 224) }
```

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

```
.background{ background-color: rgb(238,  
228, 224) }
```

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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