

Converting Colors

YUV(233.9950, -2.4625, -3.5036)

Have a look what the booklet for
YUV(233.9950, -2.4625, -3.5036)
contains.

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Color

**YUV(233.9950, -2.4625,
-3.5036)**

Conversions

Conversions Part 1

Format	Color
Hex	E6EDE5
RGB	230, 237, 229
RGB Percent	90%, 93%, 90%
CMY	0.0980, 0.0706, 0.1020
CMYK	0.03, 0.00, 0.03, 0.07
HSL	113°, 18%, 91%
HSV	113°, 3%, 93%
XYZ	77.0602, 83.0485, 86.0972
YIQ	233.9950, -1.6040, -3.9720

Conversions

Conversions Part 2

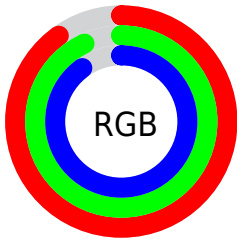
Format	Color
R _Y B	229, 237, 236
Decimal	15134181
CIE Lab	93.04, -3.75, 3.05
CIE LCh	93, 4.834, 140.896
Yxy	83.0485, 0.3130, 0.3373
Android (android.graphics.Color)	4293324261 (0xFFE6EDE5)
YUV	233.9950, -2.4625, -3.5036
Hunter-Lab	91.1310, -8.5399, 7.7766

Details

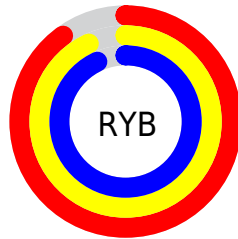
The YUV color **233.9950, -2.4625, -3.5036** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **232.0050, 2.4625, 3.5036**, and the grayscale version is **234.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **178.4080, -2.1731, -2.9888** is the 20% darker color. If you saturate the color by 10%, you get **224.9800, -9.8501, -14.0145**, and if you desaturate by 10%, it is **243.0100, 4.9251, 7.0072**.

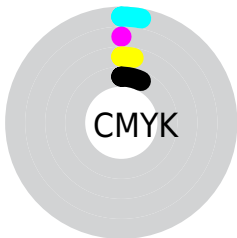
Distribution



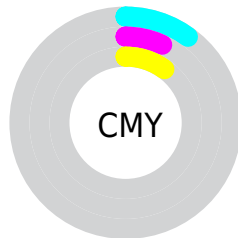
- Red (90%)
- Green (93%)
- Blue (90%)



- Red (90%)
- Yellow (93%)
- Blue (93%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (10%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.9950, -2.4625, -3.5036 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 233.9950, -2.4625, -3.5036 by changing the saturation by 10% instead.

■ 233.9950, -2.4625,
-3.5036

■ 233.9950, -2.4625,
-3.5036

255.0000, 0.0000,
0.0000

■ 205.9950, -2.4625,
-3.5036

■ 178.4080, -2.1731,
-2.9888

■ 151.4080, -2.1731,
-2.9888

■ 125.4080, -2.1731,
-2.9888

■ 100.5220, -1.7363,
-3.0888

■ 76.8210, -1.8838,
-2.4740

■ 53.8210, -1.8838,

-2.4740

■ 32.8210, -1.8838,
-2.4740

■ 9.4680, -3.1887,
-3.9184

■ 233.9950, -2.4625,
-3.5036

■ 233.9950, -2.4625,
-3.5036

■ 224.9800, -9.8501,
-14.0145

■ 243.0100, 4.9251,
7.0072

■ 216.3780,
-16.9484, -24.0105

■ 244.4340, 5.2090,
9.2664

■ 207.3630,
-24.3360, -34.5214

■ 198.3480,
-31.7236, -45.0322

■ 189.3330,
-39.1112, -55.5430

■ 180.7310,
-46.2094, -65.5391

■ 171.7160,
-53.5970, -76.0499

■ 162.7010,
-60.9846, -86.5608

■ 153.8000,
-67.9354, -97.1716

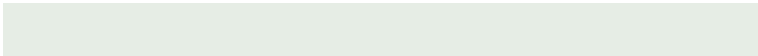
Harmonies

Analogous

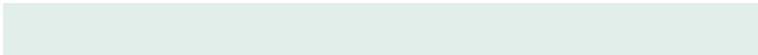
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.5610, -4.2206, 0.3850



233.9950, -2.4625, -3.5036



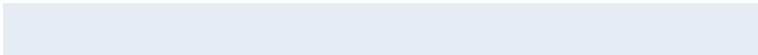
233.8420, -0.4151, -6.8774

Triad

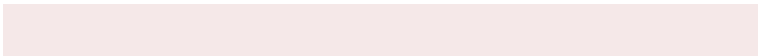
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.9950, -2.4625, -3.5036



234.8190, 4.5262, -5.1033



235.8870, -1.9163, 7.9921

Complementary

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



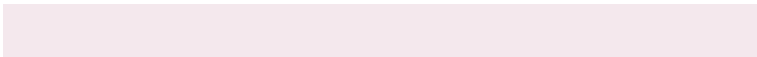
233.9950, -2.4625, -3.5036



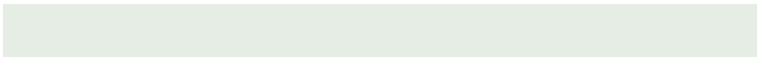
232.0050, 2.4625, 3.5036

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.



236.1580, 0.4151, 6.8774



233.9950, -2.4625, -3.5036



235.1400, 4.3680, -0.9998

Square

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



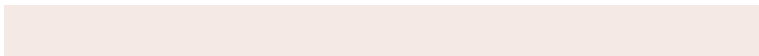
233.9950, -2.4625, -3.5036



233.9820, 3.9529, -7.8772



236.0050, 2.4625, 3.5036



235.7190, -3.8055, 7.2624

Rectangle

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



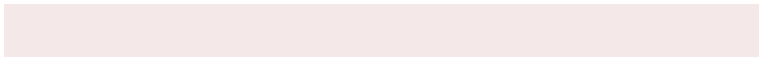
233.9950, -2.4625, -3.5036



233.7000, 1.6269, -8.5069



236.0050, 2.4625, 3.5036



236.0010, -1.4795, 7.8921

Sweetspot

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



233.9950, -2.4625, -3.5036



254.0600, -1.0156, -0.9296



235.5010, -3.2050, 1.3146



127.1740, -0.5788, -1.0296



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

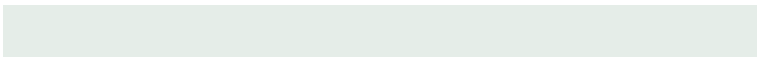
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.9950, -2.4625, -3.5036



251.1690, -3.0413, -4.5332



234.0380, -1.0047, -4.4183



114.8210, -1.8838, -2.4740



113.1240, -55.7701, -79.0387



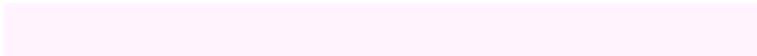
33.7910, -16.6590, -23.4957

Inverse Universe

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



232.0050, 2.4625, 3.5036



248.8310, 3.0413, 4.5332



231.9620, 1.0047, 4.4183



113.4780, 1.7363, 3.0888



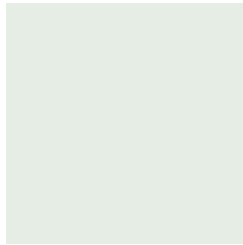
67.8760, 55.7701, 79.0387



20.2090, 16.6590, 23.4957

Previews

White Background



This preview shows how the YUV color 233.9950, -2.4625, -3.5036 looks on a white background.

Color Contrast Check

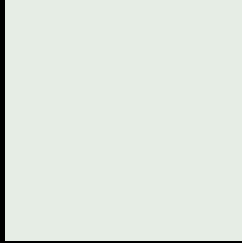
Large Text (above 18pt) WCAG AA × Fail

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 233.9950, -2.4625, -3.5036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

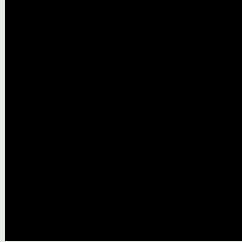
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

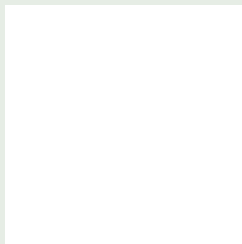
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 233.9950, -2.4625, -3.5036

Background



This preview shows how black text looks on a background with the YUV color 233.9950, -2.4625, -3.5036.



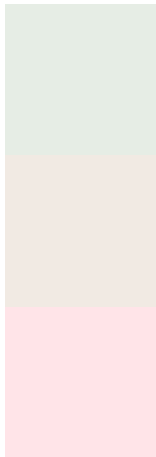
This preview shows how white text looks on a background with the YUV color 233.9950, -2.4625, -3.5036.

-3.5036.

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

233.9950, -2.4625, -3.5036

Protanopia

235.2950, -4.0894, 5.0033

Deuteranopia

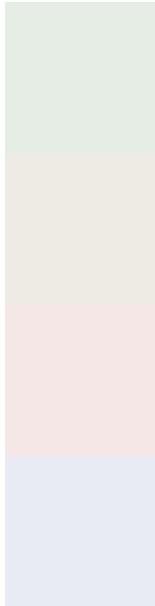
236.5290, -2.2328, 16.1991



Tritanopia

236.0520, 7.8624, -1.7996

Trichromacy



Original Color

233.9950, -2.4625, -3.5036

Protanomaly

234.8000, -3.3524, 1.9294

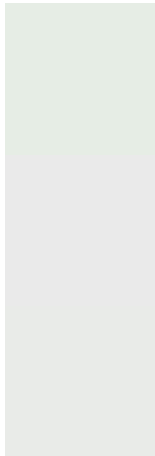
Deuteranomaly

235.4850, -2.2111, 9.2217

Tritanomaly

235.4280, 4.2260, -2.1294

Monochromacy



Original Color

233.9950, -2.4625, -3.5036

Achromatopsia

234.0000, 0.0000, 0.0000

Achromatomaly

234.0600, -1.0156, -0.9296

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.9950, -2.4625, -3.5036 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(230, 237, 229)` looks like.

```
.text, #text, p{  
    color:rgb(230, 237, 229)  
}
```

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(230, 237, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 237, 229) }
```

Border

The CSS property to change the border of an element to YUV 233.9950, -2.4625, -3.5036 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(230, 237, 229) }
```


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

```
.border{ border-color:rgb(230, 237, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 237, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 237, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 237, 229);  
box-shadow:4px 4px 4px 4px rgb(230, 237,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 233.9950, -2.4625, -3.5036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 237, 229) }
```

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

```
.background{ background-color: rgb(230,  
237, 229) }
```

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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