

Converting Colors

YUV(235.8860, -0.4368, 0.1000)

Have a look what the booklet for
YUV(235.8860, -0.4368, 0.1000)
contains.

YUV(235.8860, -0.4368, 0.1000)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**YUV(235.8860, -0.4368,
0.1000)**

Conversions

Conversions Part 1

Format	Color
Hex	ECECEB
RGB	236, 236, 235
RGB Percent	93%, 93%, 92%
CMY	0.0745, 0.0745, 0.0784
CMYK	0.00, 0.00, 0.00, 0.07
HSL	60°, 3%, 92%
HSV	60°, 0%, 93%
XYZ	79.5829, 83.8219, 90.5820
YIQ	235.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

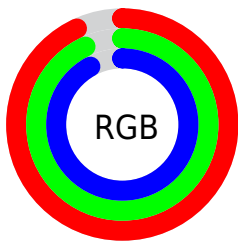
Format	Color
R _Y B	235, 236, 235
Decimal	15527147
CIE Lab	93.37, -0.17, 0.47
CIE LCh	93, 0.504, 109.993
Yxy	83.8219, 0.3133, 0.3300
Android (android.graphics.Color)	4293717227 (0xFFECECEB)
YUV	235.8860, -0.4368, 0.1000
Hunter-Lab	91.5543, -5.0602, 5.4277

Details

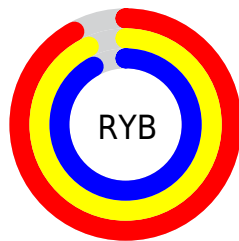
The YUV color $235.8860, -0.4368, 0.1000$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $235.1140, 0.4368, -0.1000$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.8860, -0.4368, 0.1000$ is the 20% darker color. If you saturate the color by 10%, you get $233.1500, -10.9199, 2.4995$, and if you desaturate by 10%, it is $238.1660, 8.2992, -1.8996$.

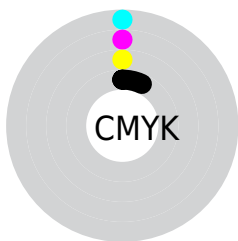
Distribution



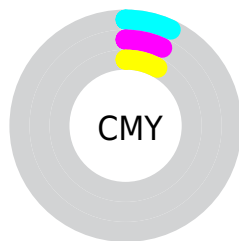
- Red (93%)
- Green (93%)
- Blue (92%)



- Red (92%)
- Yellow (93%)
- Blue (92%)



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



- Cyan (7%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.8860, -0.4368, 0.1000 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 235.8860, -0.4368, 0.1000 by changing the saturation by 10% instead.

■ 235.8860, -0.4368,
0.1000

■ 235.8860, -0.4368,
0.1000

255.0000, 0.0000,
0.0000

■ 207.8860, -0.4368,
0.1000

■ 179.8860, -0.4368,
0.1000

■ 153.0000, 0.0000,
0.0000

■ 127.8860, -0.4368,
0.1000

■ 102.8860, -0.4368,
0.1000

■ 78.8860, -0.4368,
0.1000

■ 55.8860, -0.4368,

0.1000

■ 34.0000, 0.0000,
0.0000

■ 11.8860, -0.4368,
0.1000

■ 235.8860, -0.4368,
0.1000

■ 235.8860, -0.4368,
0.1000

■ 233.1500,
-10.9199, 2.4995

■ 238.1660, 8.2992,
-1.8996

■ 230.5280,
-20.9663, 4.7989

■ 227.7920,
-31.4495, 7.1984

■ 225.1700,
-41.4958, 9.4979

■ 222.4340,
-51.9790, 11.8974

■ 219.6980,
-62.4621, 14.2969

■ 217.0760,
-72.5085, 16.5963

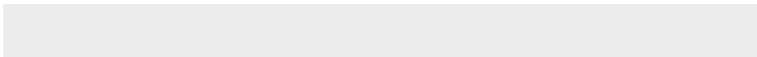
■ 214.3400,
-82.9916, 18.9958

■ 211.7180,
-93.0380, 21.2953

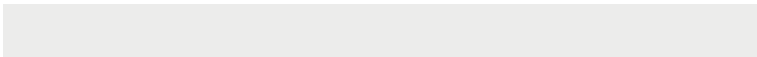
Harmonies

Analogous

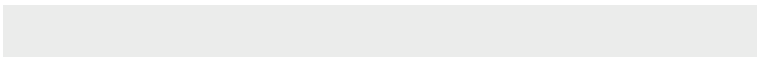
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.1850, -0.5842, 0.7148



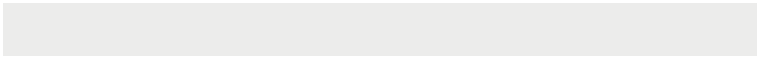
235.8860, -0.4368, 0.1000



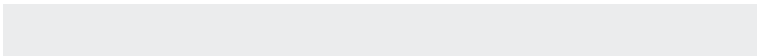
235.5870, -0.2894, -0.5148

Triad

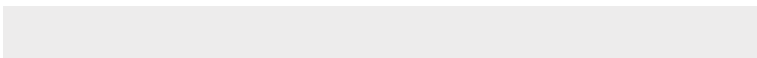
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.8860, -0.4368, 0.1000



235.8150, 0.5842, -0.7148



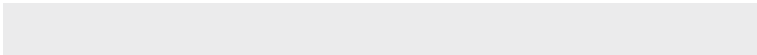
236.2990, -0.1474, 0.6148

Complementary

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



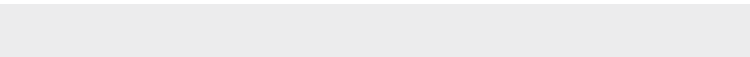
235.8860, -0.4368, 0.1000



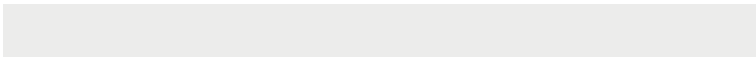
235.1140, 0.4368, -0.1000

Split Complementary

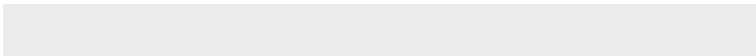
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.1140, 0.4368, -0.1000



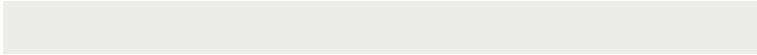
235.8860, -0.4368, 0.1000



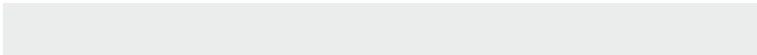
235.8150, 0.5842, -0.7148

Square

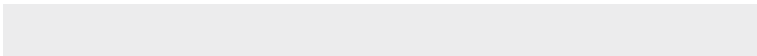
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



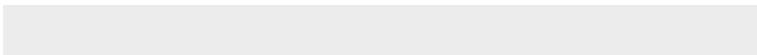
235.8860, -0.4368, 0.1000



235.7010, 0.1474, -0.6148



236.1140, 0.4368, -0.1000



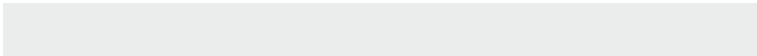
236.2990, -0.1474, 0.6148

Rectangle

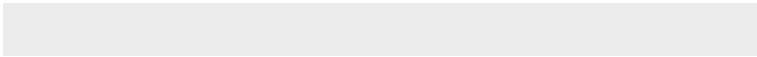
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



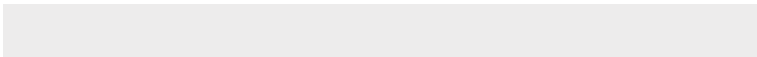
235.8860, -0.4368, 0.1000



235.7010, 0.1474, -0.6148



236.1140, 0.4368, -0.1000



236.2990, -0.1474, 0.6148

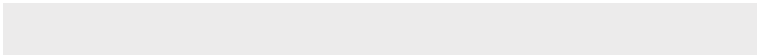
Sweetspot

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



235.8860, -0.4368, 0.1000

255.0000, 0.0000, 0.0000



235.2990, -0.1474, 0.6148



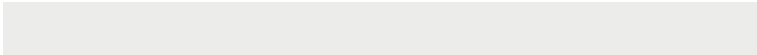
128.0000, 0.0000, 0.0000



0.0000, 0.0000, 0.0000

Same Dimension

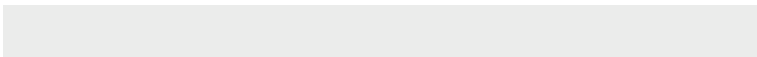
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.8860, -0.4368, 0.1000



254.6580, -1.3104, 0.2999



235.5870, -0.2894, -0.5148



116.8860, -0.4368, 0.1000



160.3660, -79.0604, 18.0960



47.8440, -23.5871, 5.3988

Inverse Universe

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



235.1140, 0.4368, -0.1000



252.3420, 1.3104, -0.2999



116.1140, 0.4368, -0.1000



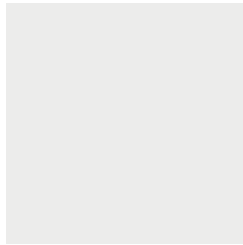
20.6340, 79.0604, -18.0960



6.1560, 23.5871, -5.3988

Previews

White Background



This preview shows how the YUV color 235.8860, -0.4368, 0.1000 looks on a white background.

Color Contrast Check

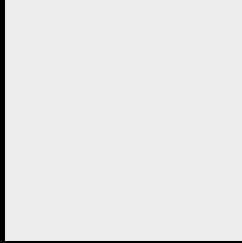
Large Text (above 18pt) WCAG AA × Fail

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 235.8860, -0.4368, 0.1000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

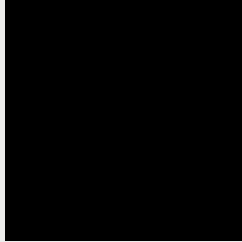
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

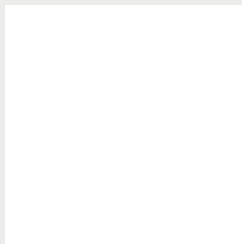
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 235.8860, -0.4368, 0.1000

Background



This preview shows how black text looks on a background with the YUV color 235.8860, -0.4368, 0.1000.



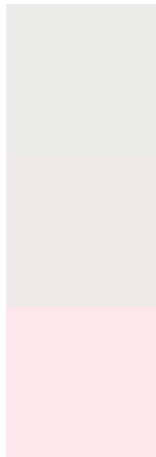
This preview shows how white text looks on a background with the YUV color 235.8860, -0.4368,

0.1000.

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

235.8860, -0.4368, 0.1000

Protanopia

236.3810, -1.1738, 3.1739

Deuteranopia

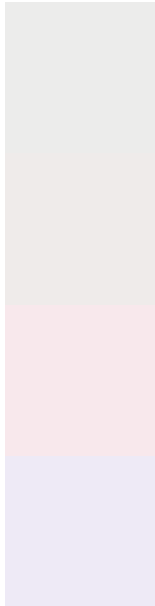
237.5720, -0.7750, 15.2844



Tritanopia

236.9600, 7.4147, 1.7891

Trichromacy



Original Color

235.8860, -0.4368, 0.1000

Protanomaly

236.0820, -1.0264, 2.5591

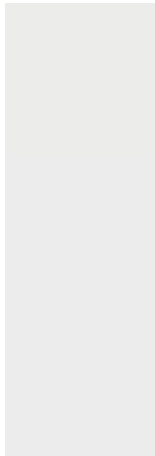
Deuteranomaly

237.2400, -0.6113, 9.4365

Tritanomaly

236.5640, 4.6519, 1.2594

Monochromacy



Original Color

235.8860, -0.4368, 0.1000

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

236.0000, 0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.8860, -0.4368, 0.1000 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(236, 236, 235)` looks like.

```
.text, #text, p{  
    color:rgb(236, 236, 235)  
}
```

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(236, 236, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 236, 235) }
```

Border

The CSS property to change the border of an element to YUV 235.8860, -0.4368, 0.1000 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(236, 236, 235) }
```

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

```
.border{ border-color:rgb(236, 236, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 236, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 236, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 236, 235);  
box-shadow:4px 4px 4px 4px rgb(236, 236,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 235.8860, -0.4368, 0.1000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 236, 235) }
```

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

```
.background{ background-color: rgb(236,  
236, 235) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor