

Converting Colors

YUV(235.5310, 4.6682, -3.9737)

Have a look what the booklet for
YUV(235.5310, 4.6682, -3.9737)
contains.

YUV(235.5310, 4.6682, -3.9737)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(235.5310, 4.6682,
-3.9737)**

Conversions

Conversions Part 1

Format	Color
Hex	E7ECF5
RGB	231, 236, 245
RGB Percent	91%, 93%, 96%
CMY	0.0941, 0.0745, 0.0392
CMYK	0.06, 0.04, 0.00, 0.04
HSL	219°, 41%, 93%
HSV	219°, 6%, 96%
XYZ	79.4319, 83.5724, 98.3308
YIQ	235.5310, -5.8690, 1.7390

Conversions

Conversions Part 2

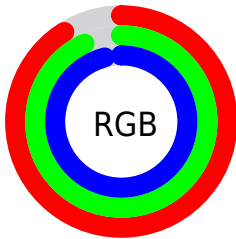
Format	Color
R _Y B	231, 235, 245
Decimal	15199477
CIE Lab	93.26, -0.00, -4.93
CIE LCh	93, 4.931, 269.973
Yxy	83.5724, 0.3039, 0.3198
Android (android.graphics.Color)	4293389557 (0xFFE7ECF5)
YUV	235.5310, 4.6682, -3.9737
Hunter-Lab	91.4179, -4.8850, 0.2192

Details

The YUV color $235.5310, 4.6682, -3.9737$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $240.4690, -4.6682, 3.9737$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.5310, 4.6682, -3.9737$ is the 20% darker color. If you saturate the color by 10%, you get $218.9630, 12.8362, -10.4916$, and if you desaturate by 10%, it is $252.0990, -3.4998, 2.5442$.

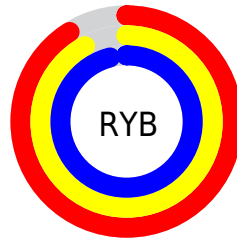
Distribution



Red (91%)

Green (93%)

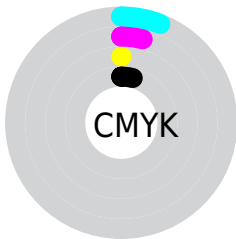
Blue (96%)



Red (91%)

Yellow (92%)

Blue (96%)

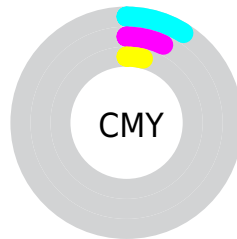


Cyan (6%)

Magenta (4%)

Yellow (0%)

Black (4%)



Cyan (9%)

Magenta (7%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.5310, 4.6682, -3.9737 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 235.5310, 4.6682, -3.9737 by changing the saturation by 10% instead.

■ 235.5310, 4.6682,
-3.9737

■ 235.5310, 4.6682,
-3.9737

255.0000, 0.0000,
0.0000

■ 207.5310, 4.6682,
-3.9737

■ 179.5310, 4.6682,
-3.9737

■ 152.8300, 4.5208,
-3.3589

■ 127.4170, 4.2314,
-3.8737

■ 102.3030, 3.7946,
-3.7737

■ 78.3030, 3.7946,
-3.7737

■ 55.6020, 3.6472,

-3.1590

■ 33.6020, 3.6472,
-3.1590

■ 11.2320, 4.8156,
-4.5885

■ 235.5310, 4.6682,
-3.9737

■ 235.5310, 4.6682,
-3.9737

■ 218.9630, 12.8362,
-10.4916

■ 252.0990, -3.4998,
2.5442

■ 202.6830, 20.8623,
-18.1390

■ 253.8600, -4.3680,
0.9998

■ 185.8160, 29.1777,
-25.2716

■ 169.2480, 37.3457,
-31.7895

■ 152.6800, 45.5138,
-38.3074

■ 136.4000, 53.5398,
-45.9548

■ 119.5330, 61.8552,
-53.0874

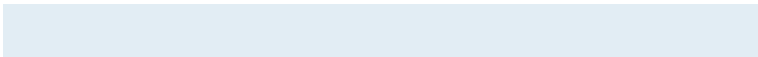
■ 102.9650, 70.0233,
-59.6053

■ 86.0980, 78.3387,
-66.7379

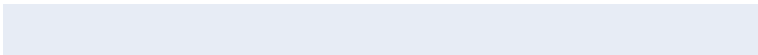
Harmonies

Analogous

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



234.5090, 4.6791, -7.4624



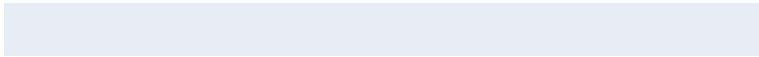
235.5310, 4.6682, -3.9737



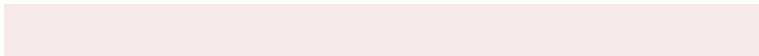
236.0370, 3.9258, 0.8446

Triad

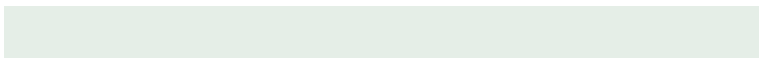
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.5310, 4.6682, -3.9737



236.6590, -2.7899, 8.1921



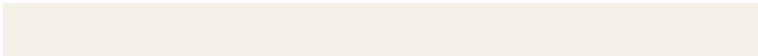
234.5110, -1.7309, -4.8331

Complementary

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



235.5310, 4.6682, -3.9737



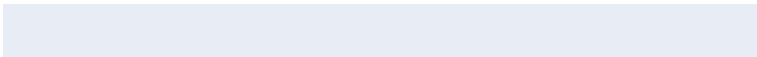
240.4690, -4.6682, 3.9737

Split Complementary

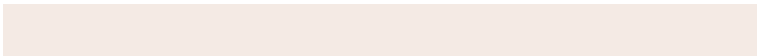
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.9630, -3.9258, -0.8446



235.5310, 4.6682, -3.9737



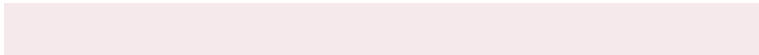
236.3060, -4.0949, 6.7476

Square

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



235.5310, 4.6682, -3.9737



237.2290, -0.6059, 7.6922



235.4690, -4.6682, 3.9737



234.3580, 0.3165, -8.2070

Rectangle

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



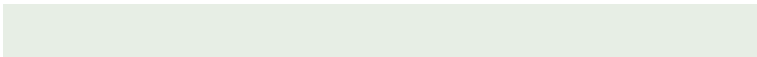
235.5310, 4.6682, -3.9737



236.7060, 2.6099, 2.8888



235.4690, -4.6682, 3.9737



234.8810, -2.8993, -3.4036

Sweetspot

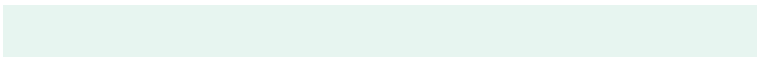
The Sweet Spot groups the original color and five complimentary colors.



235.5310, 4.6682, -3.9737



251.7440, 1.6052, -1.5295



240.2440, -0.1203, -8.1070



125.9290, 1.0210, -0.8147



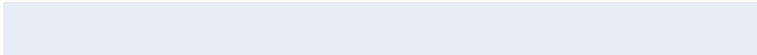
0.0000, 0.0000, 0.0000



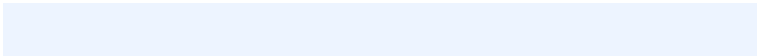
128.0000, 0.0000, 0.0000

Same Dimension

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



235.5310, 4.6682, -3.9737



243.1610, 5.8366, -5.4032



233.1940, 5.8204, -0.1701



115.7870, 3.0630, -2.4442



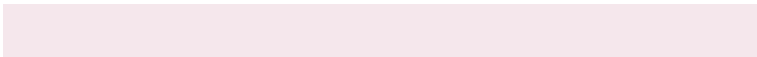
59.9460, 62.1446, -52.5726



19.0530, 19.6939, -16.7095

Inverse Universe

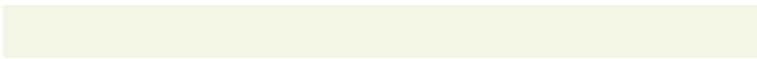
The Inverse Universe completely reimagines the original color for something new.



235.7560, 0.1203, 8.1070



243.1800, 0.4043, 10.3661



242.8060, -5.8204, 0.1701



116.0330, -0.0163, 5.2331



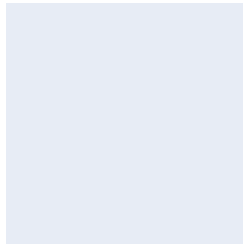
63.1380, 1.4110, 107.7500



20.0350, 0.4757, 34.1723

Previews

White Background



This preview shows how the YUV color 235.5310, 4.6682, -3.9737 looks on a white background.

Color Contrast Check

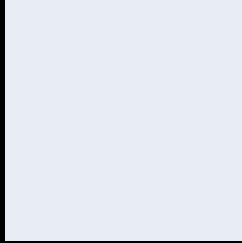
Large Text (above 18pt) WCAG AA × Fail

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 235.5310, 4.6682, -3.9737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

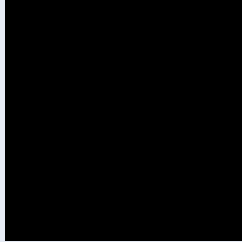
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

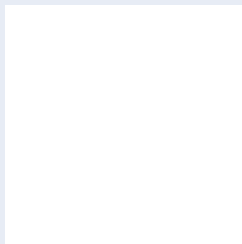
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 235.5310, 4.6682, -3.9737

Background



This preview shows how black text looks on a background with the YUV color 235.5310, 4.6682, -3.9737.



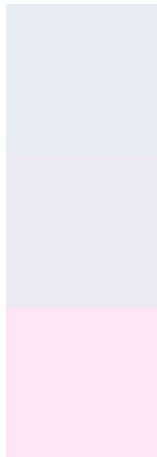
This preview shows how white text looks on a background with the YUV color 235.5310, 4.6682, -3.9737.

-3.9737.

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

235.5310, 4.6682, -3.9737

Protanopia

236.0370, 3.9258, 0.8446

Deuteranopia

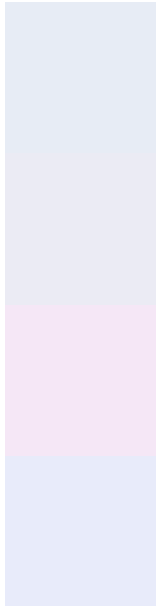
237.6410, 4.6140, 13.4698



Tritanopia

236.1550, 8.3046, -3.6439

Trichromacy



Original Color

235.5310, 4.6682, -3.9737

Protanomaly

236.0260, 3.9312, -0.8998

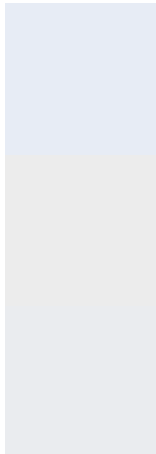
Deuteranomaly

236.8960, 4.4883, 7.1072

Tritanomaly

235.8130, 6.9942, -3.3440

Monochromacy



Original Color

235.5310, 4.6682, -3.9737

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

235.7440, 1.6052, -1.5295

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.5310, 4.6682, -3.9737 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(231, 236, 245)` looks like.

```
.text, #text, p{  
    color:rgb(231, 236, 245)  
}
```

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(231, 236, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 236, 245) }
```

Border

The CSS property to change the border of an element to YUV 235.5310, 4.6682, -3.9737 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(231, 236, 245) }
```


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

```
.border{ border-color:rgb(231, 236, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 236, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 236, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 236, 245);  
box-shadow:4px 4px 4px 4px rgb(231, 236,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 235.5310, 4.6682, -3.9737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 236, 245) }
```

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

```
.background{ background-color: rgb(231,  
236, 245) }
```

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