

Converting Colors

YUV(235.1380, -9.4350, -7.1370)

Have a look what the booklet for
YUV(235.1380, -9.4350, -7.1370)
contains.

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Color

**YUV(235.1380, -9.4350,
-7.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	E3F3D8
RGB	227, 243, 216
RGB Percent	89%, 95%, 85%
CMY	0.1098, 0.0471, 0.1529
CMYK	0.07, 0.00, 0.11, 0.05
HSL	96°, 53%, 90%
HSV	96°, 11%, 95%
XYZ	76.1238, 85.3899, 77.4355
YIQ	235.1380, -0.8690, -11.7890

Conversions

Conversions Part 2

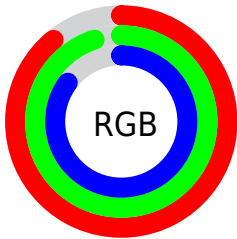
Format	Color
R _Y B	216, 243, 232
Decimal	14939096
CIE _{Lab}	94.05, -10.02, 11.22
CIE _{LCh}	94, 15.046, 131.771
Y _{xy}	85.3899, 0.3186, 0.3574
Android (android.graphics.Color)	4293129176 (0xFFE3F3D8)
Y _{UV}	235.1380, -9.4350, -7.1370
Hunter-Lab	92.4067, -14.6650, 15.0005

Details

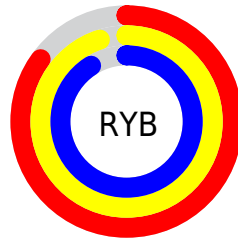
The YUV color $235.1380, -9.4350, -7.1370$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $223.8620, 9.4350, 7.1370$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.5510, -9.1456, -6.6222$ is the 20% darker color. If you saturate the color by 10%, you get $228.2160, -17.8545, -13.3444$, and if you desaturate by 10%, it is $242.0600, -1.0156, -0.9296$.

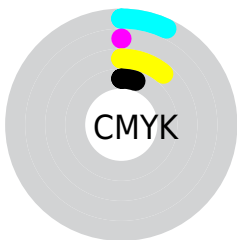
Distribution



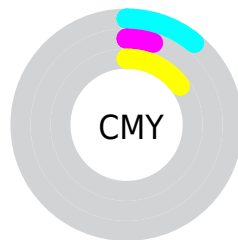
- Red (89%)
- Green (95%)
- Blue (85%)



- Red (85%)
- Yellow (95%)
- Blue (91%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (5%)



- Cyan (11%)
- Magenta (5%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.1380, -9.4350, -7.1370 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 235.1380, -9.4350, -7.1370 by changing the saturation by 10% instead.

■ 235.1380, -9.4350,
-7.1370

■ 235.1380, -9.4350,
-7.1370

255.0000, 0.0000,
0.0000

■ 207.1380, -9.4350,
-7.1370

■ 179.5510, -9.1456,
-6.6222

■ 152.6650, -8.7088,
-6.7222

■ 126.7790, -8.2720,
-6.8222

■ 101.1920, -7.9827,
-6.3074

■ 77.6050, -7.6933,
-5.7926

■ 54.7190, -7.2565,

-5.8926

■ 33.2460, -6.5303,
-5.4777

■ 11.1530, -5.4984,
-9.7812

■ 235.1380, -9.4350,
-7.1370

■ 235.1380, -9.4350,
-7.1370

■ 228.2160,
-17.8545, -13.3444

■ 242.0600, -1.0156,
-0.9296

■ 220.8810,
-26.5633, -20.0666

■ 247.9560, 3.4727,
6.1776

■ 213.9590,
-34.9828, -26.2740

■ 206.7380,
-43.2548, -33.0962

■ 199.8160,
-51.6743, -39.3036

■ 192.7800,
-60.5305, -45.4111

■ 185.5590,
-68.8026, -52.2332

■ 178.6370,
-77.2220, -58.4406

■ 172.2420,
-84.9153, -64.2332

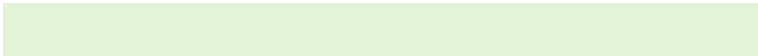
Harmonies

Analogous

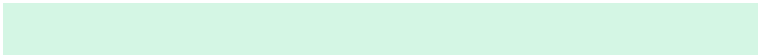
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.1890, -13.4042, 5.9732



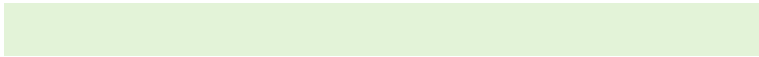
235.1380, -9.4350, -7.1370



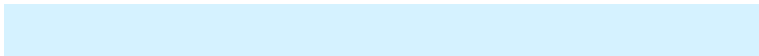
233.7820, -2.8505, -19.1028

Triad

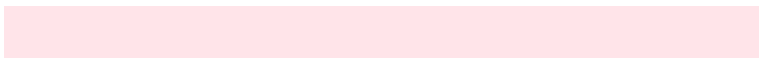
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.1380, -9.4350, -7.1370



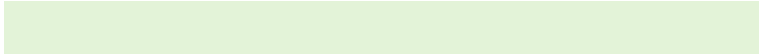
234.8110, 9.9532, -19.1282



236.6430, -1.7960, 16.0991

Complementary

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



235.1380, -9.4350, -7.1370



223.8620, 9.4350, 7.1370

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.



238.8260, 4.0298, 14.1846



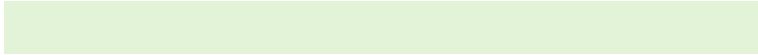
235.1380, -9.4350, -7.1370



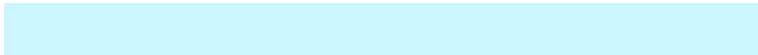
236.9590, 8.8942, -6.1030

Square

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



235.1380, -9.4350, -7.1370



233.5820, 10.5591, -26.8204



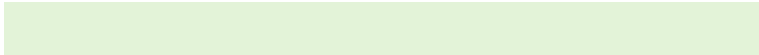
239.4060, 7.6878, 7.5369



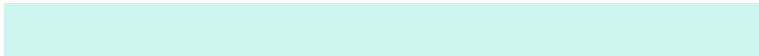
236.2210, -8.4900, 16.4692

Rectangle

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



235.1380, -9.4350, -7.1370



233.4160, 2.2599, -24.9208



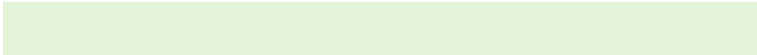
239.4060, 7.6878, 7.5369



237.2130, 0.3880, 15.5992

Sweetspot

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



235.1380, -9.4350, -7.1370



252.5930, -2.7573, -2.2741



233.4650, -8.6102, 8.3622



126.1200, -2.0312, -1.8592



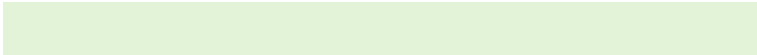
0.0000, 0.0000, 0.0000



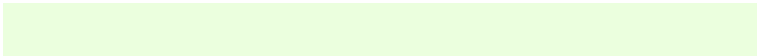
128.0000, 0.0000, 0.0000

Same Dimension

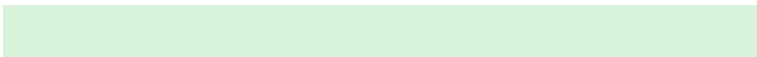
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.1380, -9.4350, -7.1370



245.2580, -11.4662, -8.9963



232.0770, -6.9400, -14.0995



118.5390, -4.2097, -3.1037



131.9060, -65.0297, -49.0296



41.8090, -20.6118, -15.6185

Inverse Universe

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



223.8620, 9.4350, 7.1370



231.4430, 11.6136, 8.3815



226.9230, 6.9400, 14.0995



113.4610, 4.2097, 3.1037



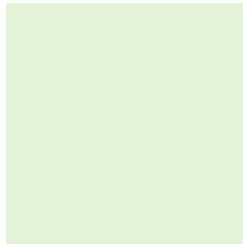
54.0940, 65.0297, 49.0296



17.1910, 20.6118, 15.6185

Previews

White Background



This preview shows how the YUV color 235.1380, -9.4350, -7.1370 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 235.1380, -9.4350, -7.1370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

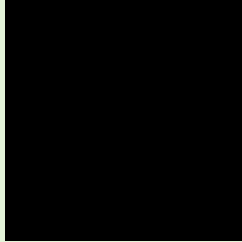
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

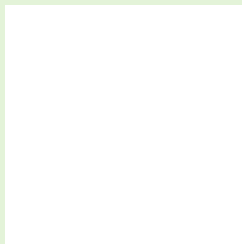
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 235.1380, -9.4350, -7.1370

Background



This preview shows how black text looks on a background with the YUV color 235.1380, -9.4350, -7.1370.



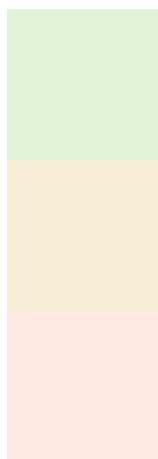
This preview shows how white text looks on a background with the YUV color 235.1380, -9.4350, -7.1370.

-7.1370.

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

235.1380, -9.4350, -7.1370

Protanopia

237.5530, -12.1046, 9.1620

Deuteranopia

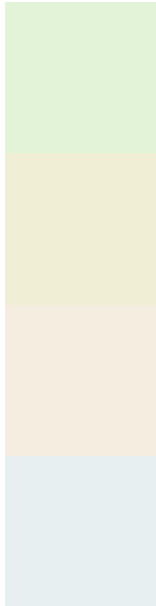
238.8940, -5.8637, 14.1250



Tritanopia

237.8560, 8.4520, -4.2587

Trichromacy



Original Color

235.1380, -9.4350, -7.1370

Protanomaly

236.4490, -11.0674, 3.1142

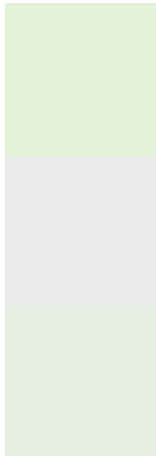
Deuteranomaly

237.7960, -7.2944, 6.3179

Tritanomaly

236.8360, 2.0529, -5.1182

Monochromacy



Original Color

235.1380, -9.4350, -7.1370

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

235.0660, -3.4835, -2.6889

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.1380, -9.4350, -7.1370 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(227, 243, 216)` looks like.

```
.text, #text, p{  
    color:rgb(227, 243, 216)  
}
```

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(227, 243, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 243, 216) }
```

Border

The CSS property to change the border of an element to YUV 235.1380, -9.4350, -7.1370 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(227, 243, 216) }
```


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

```
.border{ border-color:rgb(227, 243, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 243, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 243, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 243, 216);  
box-shadow:4px 4px 4px 4px rgb(227, 243,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 235.1380, -9.4350, -7.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 243, 216) }
```

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

```
.background{ background-color: rgb(227,  
243, 216) }
```

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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