

Converting Colors

YUV(235.0410, 7.8678, -3.5440)

Have a look what the booklet for
YUV(235.0410, 7.8678, -3.5440)
contains.

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Color

**YUV(235.0410, 7.8678,
-3.5440)**

Conversions

Conversions Part 1

Format	Color
Hex	E7EAFB
RGB	231, 234, 251
RGB Percent	91%, 92%, 98%
CMY	0.0941, 0.0824, 0.0157
CMYK	0.08, 0.07, 0.00, 0.02
HSL	231°, 71%, 95%
HSV	231°, 8%, 98%
XYZ	79.7904, 82.7996, 103.0433
YIQ	235.0410, -7.2450, 4.6510

Conversions

Conversions Part 2

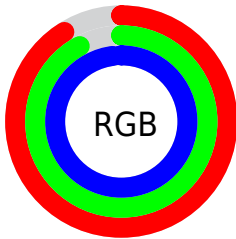
Format	Color
R_{YB}	231, 234, 251
Decimal	15198971
CIE _{Lab}	92.93, 2.16, -8.55
CIE _{LCh}	93, 8.823, 284.180
Yxy	82.7996, 0.3004, 0.3117
Android (android.graphics.Color)	4293389051 (0xFFE7EAFB)
YUV	235.0410, 7.8678, -3.5440
Hunter-Lab	90.9943, -2.7182, -3.4449

Details

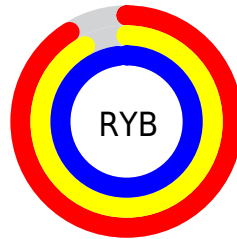
The YUV color $235.0410, 7.8678, -3.5440$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $246.9590, -7.8678, 3.5440$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $178.9270, 7.4310, -3.4440$ is the 20% darker color. If you saturate the color by 10%, you get $215.2390, 17.6302, -8.1026$, and if you desaturate by 10%, it is $254.5440, -1.7472, 0.3999$.

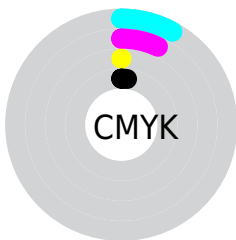
Distribution



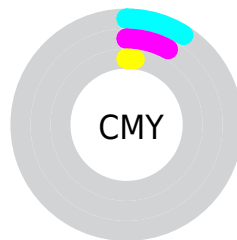
- Red (91%)
- Green (92%)
- Blue (98%)



- Red (91%)
- Yellow (92%)
- Blue (98%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (9%)
- Magenta (8%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.0410, 7.8678, -3.5440 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 235.0410, 7.8678, -3.5440 by changing the saturation by 10% instead.

■ 235.0410, 7.8678,
-3.5440

■ 235.0410, 7.8678,
-3.5440

255.0000, 0.0000,
0.0000

■ 206.9270, 7.4310,
-3.4440

■ 178.9270, 7.4310,
-3.4440

■ 152.8130, 6.9942,
-3.3440

■ 126.8130, 6.9942,
-3.3440

■ 101.6990, 6.5574,
-3.2440

■ 77.6990, 6.5574,
-3.2440

■ 54.5850, 6.1206,

-3.1440

■ 33.4710, 5.6838,
-3.0441

■ 10.5140, 7.1416,
-3.9588

■ 235.0410, 7.8678,
-3.5440

■ 235.0410, 7.8678,
-3.5440

■ 215.2390, 17.6302,
-8.1026

254.5440, -1.7472,
0.3999

■ 194.8500, 27.6820,
-12.1464

■ 175.0480, 37.4443,
-16.7051

■ 155.2460, 47.2067,
-21.2637

■ 134.8570, 57.2585,
-25.3076

■ 114.7560, 67.1683,
-30.4810

■ 94.9540, 76.9307,
-35.0397

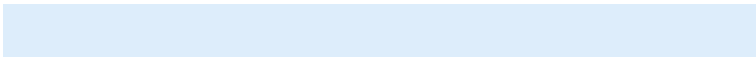
■ 74.5650, 86.9825,
-39.0835

■ 54.7630, 96.7448,
-43.6422

Harmonies

Analogous

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



233.8120, 8.4737, -11.2361



235.0410, 7.8678, -3.5440



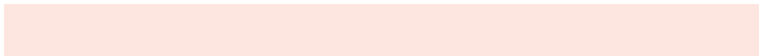
235.8140, 5.5147, 4.5481

Triad

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



235.0410, 7.8678, -3.5440



235.7800, -6.3005, 14.2249



231.9940, -0.9830, -11.3957

Complementary

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



235.0410, 7.8678, -3.5440



246.9590, -7.8678, 3.5440

Split Complementary

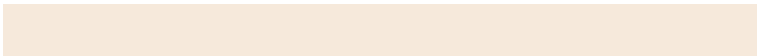
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.1860, -5.5147, -4.5481



235.0410, 7.8678, -3.5440



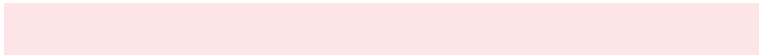
235.2910, -8.0315, 9.3918

Square

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



235.0410, 7.8678, -3.5440



236.4040, -2.6642, 14.5547



233.9590, -7.8678, 3.5440



231.9980, 2.9590, -15.7842

Rectangle

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



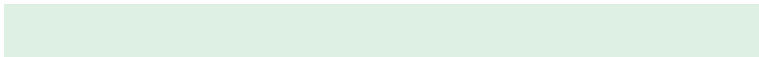
235.0410, 7.8678, -3.5440



236.4510, 2.7357, 9.2515



233.9590, -7.8678, 3.5440



232.5490, -2.7357, -9.2515

Sweetspot

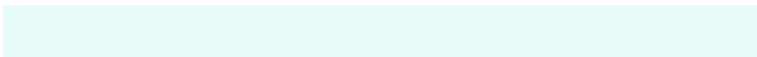
The Sweet Spot groups the original color and five complimentary colors.



235.0410, 7.8678, -3.5440



251.1570, 1.8946, -1.0147



244.6780, 1.6377, -11.9956



125.3420, 1.3104, -0.2999



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.



235.0410, 7.8678, -3.5440



234.6110, 10.0518, -4.0438



235.3730, 7.7041, 2.3039



114.6560, 5.0996, -2.3293



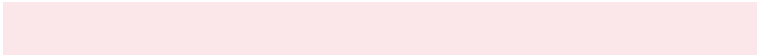
37.9820, 74.4519, -33.3102



12.2370, 24.0402, -10.7318

Inverse Universe

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



237.3220, -1.6377, 11.9956



237.8170, -2.3748, 15.0695



246.6270, -7.7041, -2.3039



116.1150, -1.0427, 7.7921



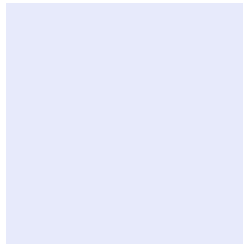
59.7030, -15.6296, 113.3935



19.2650, -5.0606, 36.6016

Previews

White Background



This preview shows how the YUV color 235.0410, 7.8678, -3.5440 looks on a white background.

Color Contrast Check

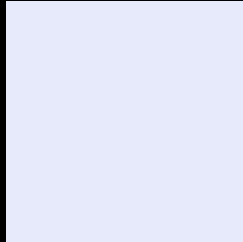
Large Text (above 18pt) WCAG AA × Fail

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 235.0410, 7.8678, -3.5440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

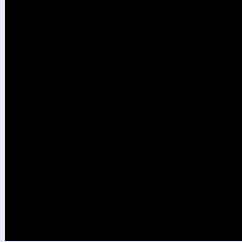
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 235.0410, 7.8678, -3.5440

Background



This preview shows how black text looks on a background with the YUV color 235.0410, 7.8678, -3.5440.



This preview shows how white text looks on a background with the YUV color 235.0410, 7.8678,

-3.5440.

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

235.0410, 7.8678, -3.5440

Protanopia

235.2370, 7.2782, -1.0848

Deuteranopia

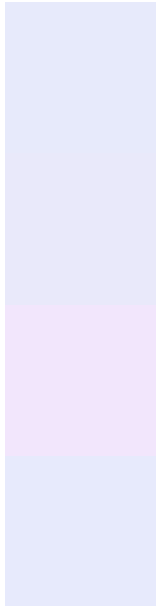
237.0150, 7.3876, 10.5108



Tritanopia

235.1550, 8.3046, -3.6439

Trichromacy



Original Color

235.0410, 7.8678, -3.5440

Protanomaly

234.9380, 7.4256, -1.6996

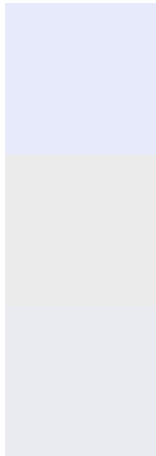
Deuteranomaly

236.0960, 7.8407, 5.1778

Tritanomaly

235.1550, 8.3046, -3.6439

Monochromacy



Original Color

235.0410, 7.8678, -3.5440

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

235.3850, 2.7682, -1.2146

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.0410, 7.8678, -3.5440 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, 234, 251)` looks like.

```
.text, #text, p{  
    color:rgb(231, 234, 251)  
}
```

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, 234, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 234, 251) }
```

Border

The CSS property to change the border of an element to YUV 235.0410, 7.8678, -3.5440 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, 234, 251) }
```


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

```
.border{ border-color:rgb(231, 234, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 234, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 234, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 234, 251);  
box-shadow:4px 4px 4px 4px rgb(231, 234,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 235.0410, 7.8678, -3.5440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 234, 251) }
```

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

```
.background{ background-color: rgb(231,  
234, 251) }
```

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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