

Converting Colors

YUV(235.0180, -40.9279,
14.0162)

Have a look what the booklet for
YUV(235.0180, -40.9279, 14.0162)
contains.

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Color

**YUV(235.0180, -40.9279,
14.0162)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF398
RGB	251, 243, 152
RGB Percent	98%, 95%, 60%
CMY	0.0157, 0.0471, 0.4039
CMYK	0.00, 0.03, 0.39, 0.02
HSL	55°, 93%, 79%
HSV	55°, 39%, 98%
XYZ	77.5017, 86.8774, 42.3900
YIQ	235.0180, 33.9790, -26.6050

Conversions

Conversions Part 2

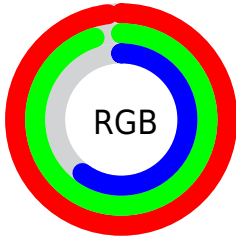
Format	Color
R_{YB}	161, 251, 152
Decimal	16511896
CIE _{Lab}	94.69, -9.98, 44.80
CIE _{LCh}	95, 45.898, 102.554
Yxy	86.8774, 0.3748, 0.4202
Android (android.graphics.Color)	4294701976 (0xFFFFBF398)
YUV	235.0180, -40.9279, 14.0162
Hunter-Lab	93.2081, -14.6928, 38.2812

Details

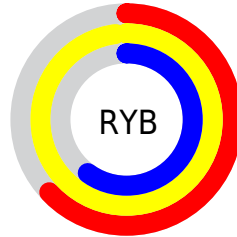
The YUV color $235.0180, -40.9279, 14.0162$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $167.9820, 40.9279, -14.0162$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.5280, -20.9663, 4.7989$, and $178.7620, -39.3227, 12.4867$ is the 20% darker color. If you saturate the color by 10%, you get $230.9940, -51.2690, 17.5453$, and if you desaturate by 10%, it is $239.0420, -30.5867, 10.4872$.

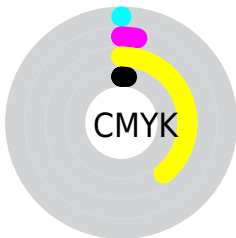
Distribution



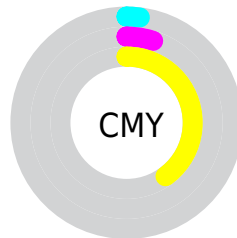
- Red (98%)
- Green (95%)
- Blue (60%)



- Red (63%)
- Yellow (98%)
- Blue (60%)



- Cyan (0%)
- Magenta (3%)
- Yellow (39%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.0180, -40.9279, 14.0162 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 235.0180, -40.9279, 14.0162 by changing the saturation by 10% instead.

■ 235.0180,
-40.9279, 14.0162

■ 235.0180,
-40.9279, 14.0162

■ 255.0000, 0.0000,
0.0000

■ 206.8330,
-40.3437, 13.3015

■ 249.5280,
-20.9663, 4.7989

■ 178.7620,
-39.3227, 12.4867

■ 252.8340, -8.2992,
1.8996

■ 151.6910,
-38.3017, 11.6720

■ 125.2070,
-37.5701, 10.3425

■ 99.7940, -37.8594,
9.8277

■ 75.3100, -37.1278,
8.4981

■ 54.3340, -26.7867,

4.9691

■ 33.9450, -16.7349,
0.9252

■ 12.3270, -6.0772,
-10.8108

■ 235.0180,
-40.9279, 14.0162

■ 235.0180,
-40.9279, 14.0162

■ 230.9940,
-51.2690, 17.5453

■ 239.0420,
-30.5867, 10.4872

■ 226.9700,
-61.6102, 21.0743

■ 243.0660,
-20.2455, 6.9581

■ 222.9460,
-71.9514, 24.6034

■ 247.0900, -9.9044,
3.4291

■ 218.9220,
-82.2925, 28.1324

■ 251.1140, 0.4368,
-0.1000

■ 214.8980,
-92.6337, 31.6615

■ 252.6300, 1.1684,
-1.4295

■ 210.7600,
-103.4117, 35.2905

■ 253.8040, 0.5896,
-2.4591

■ 210.6460,
-103.8485, 35.3905

Harmonies

Analogous

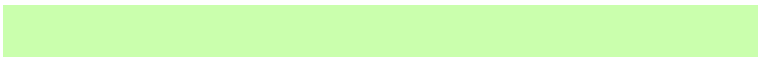
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.8650, -35.4294, 23.7974



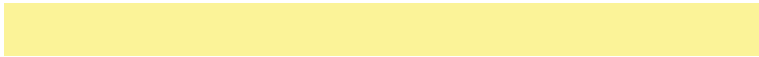
235.0180, -40.9279, 14.0162



229.8050, -28.0049, -24.3850

Triad

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



235.0180, -40.9279, 14.0162



201.1800, 26.5333, -110.6599



227.9980, 13.3120, 23.6808

Complementary

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



235.0180, -40.9279, 14.0162



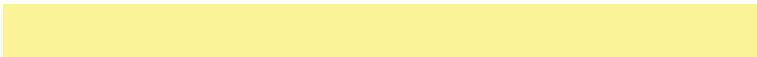
167.9820, 40.9279, -14.0162

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.



235.6290, 9.5499, 16.9884



235.0180, -40.9279, 14.0162



217.0600, 18.7044, -72.8436

Square

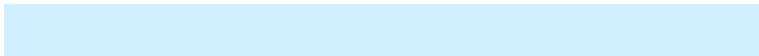
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.0180, -40.9279, 14.0162



205.9640, 24.1747, -100.8234



230.6690, 11.9952, -20.7577



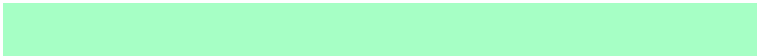
222.4750, -0.2342, 28.5244

Rectangle

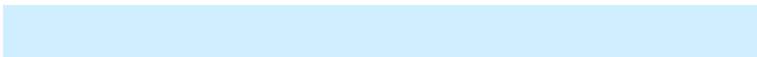
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.0180, -40.9279, 14.0162



221.7770, -12.2151, -48.9164



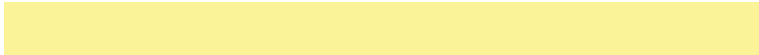
230.6690, 11.9952, -20.7577



229.7590, 12.4438, 22.1364

Sweetspot

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



235.0180, -40.9279, 14.0162



250.2920, -12.9620, 4.1289



182.5130, -11.0989, 60.0631



124.7740, -7.2836, 2.8292



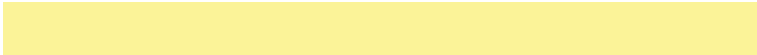
0.0000, 0.0000, 0.0000



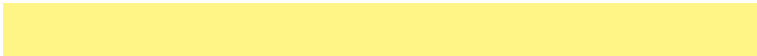
128.0000, 0.0000, 0.0000

Same Dimension

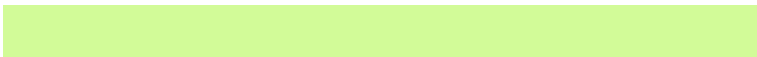
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.0180, -40.9279, 14.0162



235.4500, -49.5218, 17.1454



227.4550, -37.1993, -15.3080



122.9310, -5.3890, 1.8145



158.0620, -77.9246, 27.1326



51.1110, -25.1977, 8.6727

Inverse Universe

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



167.9820, 40.9279, -14.0162



154.5500, 49.5219, -17.1453



175.5450, 37.1993, 15.3080



114.0690, 5.3890, -1.8145



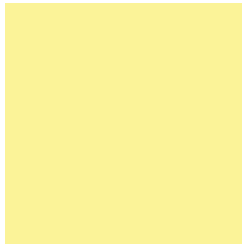
30.3510, 78.2140, -26.6178



9.8890, 25.1977, -8.6727

Previews

White Background



This preview shows how the YUV color 235.0180, -40.9279, 14.0162 looks on a white background.

Color Contrast Check

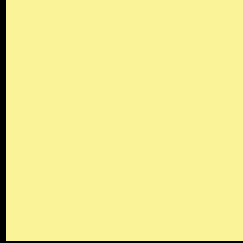
Large Text (above 18pt) WCAG AA × Fail

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 235.0180, -40.9279, 14.0162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

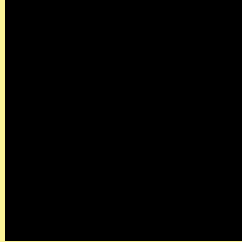
Any Text WCAG AA ✓ Pass

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 235.0180, -40.9279, 14.0162 Background



This preview shows how black text looks on a background with the YUV color 235.0180, -40.9279, 14.0162.

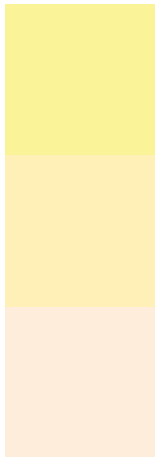


This preview shows how white text looks on a background with the YUV color 235.0180, -40.9279, 14.0162.

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

235.0180, -40.9279, 14.0162

Protanopia

237.9870, -27.1086, 14.9204

Deuteranopia

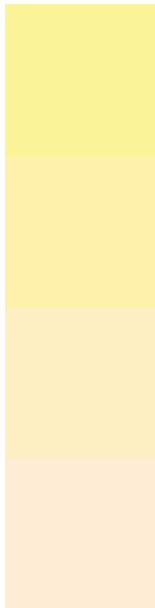
240.3300, -10.5157, 12.8656



Tritanopia

241.6470, 2.1460, 11.7106

Trichromacy



Original Color

235.0180, -40.9279, 14.0162

Protanomaly

237.0210, -32.0554, 14.8906

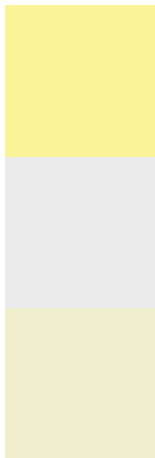
Deuteranomaly

238.4690, -21.4302, 13.6207

Tritanomaly

239.2330, -13.4259, 12.9507

Monochromacy



Original Color

235.0180, -40.9279, 14.0162

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

235.1350, -14.8566, 5.1436

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.0180, -40.9279, 14.0162 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(251, 243, 152)` looks like.

```
.text, #text, p{  
    color:rgb(251, 243, 152)  
}
```

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(251, 243, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 243, 152) }
```

Border

The CSS property to change the border of an element to YUV 235.0180, -40.9279, 14.0162 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(251, 243, 152) }
```


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

```
.border{ border-color:rgb(251, 243, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 243, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 243, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 243, 152);  
box-shadow:4px 4px 4px 4px rgb(251, 243,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 235.0180, -40.9279, 14.0162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 243, 152) }
```

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

```
.background{ background-color: rgb(251,  
243, 152) }
```

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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