

Converting Colors

YUV(241.8310, -17.1717,
1.0252)

Have a look what the booklet for
YUV(241.8310, -17.1717, 1.0252)
contains.

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Color

**YUV(241.8310, -17.1717,
1.0252)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F8CF
RGB	243, 248, 207
RGB Percent	95%, 97%, 81%
CMY	0.0471, 0.0275, 0.1882
CMYK	0.02, 0.00, 0.17, 0.03
HSL	67°, 75%, 89%
HSV	67°, 17%, 97%
XYZ	81.7920, 90.6945, 72.2264
YIQ	241.8310, 10.1810, -13.8110

Conversions

Conversions Part 2

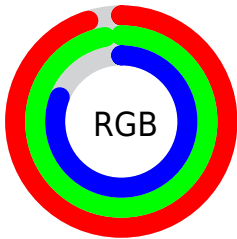
Format	Color
R _{YB}	207, 248, 212
Decimal	15988943
CIE Lab	96.28, -8.40, 19.17
CIE LCh	96, 20.928, 113.661
Yxy	90.6945, 0.3342, 0.3706
Android (android.graphics.Color)	4294179023 (0xFFFF3F8CF)
YUV	241.8310, -17.1717, 1.0252
Hunter-Lab	95.2337, -13.3530, 21.6973

Details

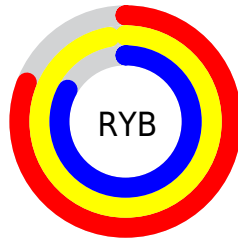
The YUV color $241.8310, -17.1717, 1.0252$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $213.1690, 17.1717, -1.0252$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $186.0590, -16.2981, 0.8253$ is the 20% darker color. If you saturate the color by 10%, you get $238.0840, -27.6494, 1.6803$, and if you desaturate by 10%, it is $245.5780, -6.6940, 0.3701$.

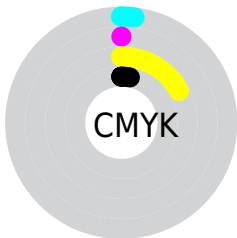
Distribution



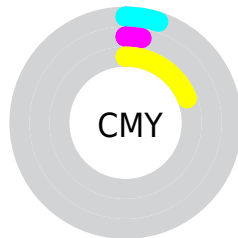
- Red (95%)
- Green (97%)
- Blue (81%)



- Red (81%)
- Yellow (97%)
- Blue (83%)



- Cyan (2%)
- Magenta (0%)
- Yellow (17%)
- Black (3%)



- Cyan (5%)
- Magenta (3%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.8310, -17.1717, 1.0252 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 241.8310, -17.1717, 1.0252 by changing the saturation by 10% instead.

■ 241.8310,
-17.1717, 1.0252

■ 241.8310,
-17.1717, 1.0252

255.0000, 0.0000,
0.0000

■ 212.9450,
-16.7349, 0.9252

■ 186.0590,
-16.2981, 0.8253

■ 158.8740,
-15.7139, 0.1105

■ 132.2870,
-15.4245, 0.6253

■ 107.4010,
-14.9877, 0.5253

■ 82.6290, -14.1141,
0.3254

■ 59.7430, -13.6773,

0.2254

■ 37.4440, -13.5299,
-0.3894

■ 17.3880, -8.5723,
-3.8483

■ 241.8310,
-17.1717, 1.0252

■ 241.8310,
-17.1717, 1.0252

■ 238.0840,
-27.6494, 1.6803

■ 245.5780, -6.6940,
0.3701

■ 234.3370,
-38.1271, 2.3355

■ 249.0970, 2.9102,
-0.0851

■ 230.7040,
-48.1681, 2.8906

■ 249.9940, 2.4680,
1.7593

■ 226.9570,
-58.6458, 3.5457

■ 250.8910, 2.0257,
3.6036

■ 223.2100,
-69.1235, 4.2008

■ 219.4630,
-79.6013, 4.8559

■ 215.7160,
-90.0790, 5.5111

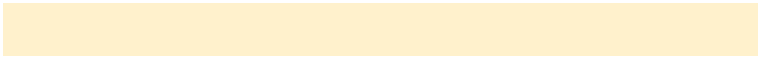
■ 212.0830,
-100.1199, 6.0662

■ 210.7580,
-103.9037, 6.3512

Harmonies

Analogous

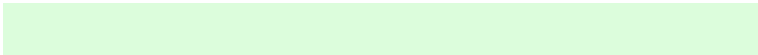
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.9680, -18.2252, 12.3061



241.8310, -17.1717, 1.0252



239.3710, -9.5499, -16.9884

Triad

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



241.8310, -17.1717, 1.0252



236.4840, 9.1284, -34.6275



240.2280, 4.3246, 12.9550

Complementary

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



241.8310, -17.1717, 1.0252



213.1690, 17.1717, -1.0252

Split Complementary

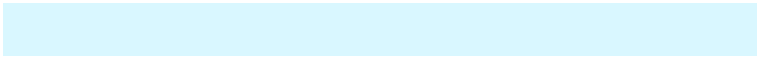
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.6730, 6.0772, 10.8108



241.8310, -17.1717, 1.0252



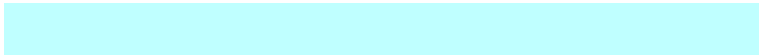
238.9420, 7.9166, -19.2431

Square

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



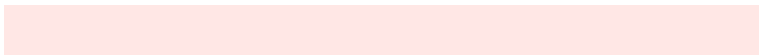
241.8310, -17.1717, 1.0252



235.8640, 9.4340, -39.3457



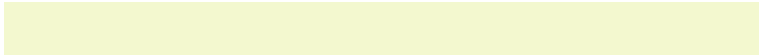
243.1940, 5.8204, -0.1701



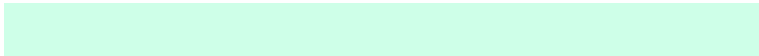
237.9480, -4.4114, 14.9546

Rectangle

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



241.8310, -17.1717, 1.0252



237.7270, -2.8234, -27.8246



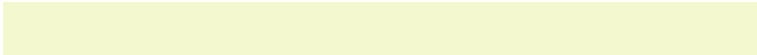
243.1940, 5.8204, -0.1701



240.9120, 6.9454, 12.3552

Sweetspot

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



241.8310, -17.1717, 1.0252



252.9200, -5.3836, 0.0702



222.1940, -7.4906, 22.6319



126.7890, -3.3470, 0.1850



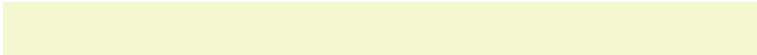
0.0000, 0.0000, 0.0000



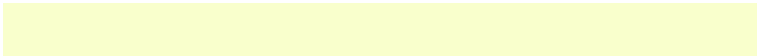
128.0000, 0.0000, 0.0000

Same Dimension

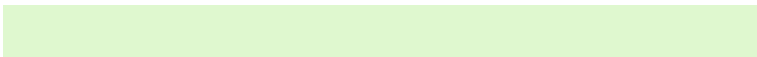
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.8310, -17.1717, 1.0252



247.3920, -21.3923, 1.4102



235.8510, -14.2235, -11.2703



122.9200, -5.3836, 0.0702



160.5770, -79.1645, 4.7560



51.9530, -25.6128, 1.7952

Inverse Universe

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



213.1690, 17.1717, -1.0252



211.6080, 21.3923, -1.4102



219.1490, 14.2235, 11.2703



114.0800, 5.3836, -0.0702



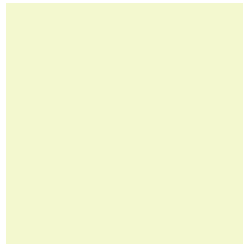
28.4230, 79.1645, -4.7560



9.0470, 25.6128, -1.7952

Previews

White Background



This preview shows how the YUV color 241.8310, -17.1717, 1.0252 looks on a white background.

Color Contrast Check

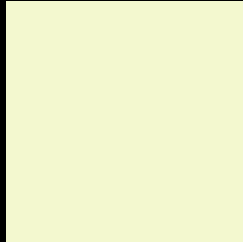
Large Text (above 18pt) WCAG AA × Fail

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 241.8310, -17.1717, 1.0252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

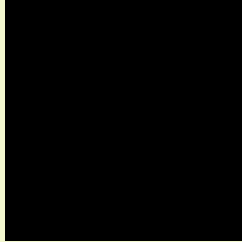
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

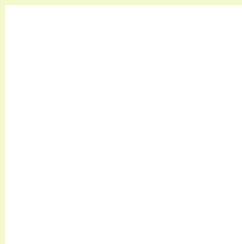
Any Text WCAG AAA ✓ Pass

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

YUV 241.8310, -17.1717, 1.0252 Background



This preview shows how black text looks on a background with the YUV color 241.8310, -17.1717, 1.0252.



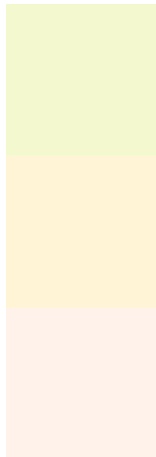
This preview shows how white text looks on a background with the YUV color 241.8310, -17.1717, 1.0252.

1.0252.

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

241.8310, -17.1717, 1.0252

Protanopia

243.7550, -15.1622, 9.8619

Deuteranopia

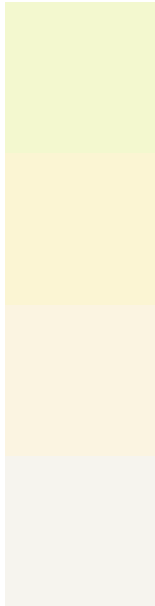
245.0890, -4.9739, 8.6919



Tritanopia

245.2760, 4.7939, 2.3889

Trichromacy



Original Color

241.8310, -17.1717, 1.0252

Protanomaly

242.9180, -15.7356, 7.0879

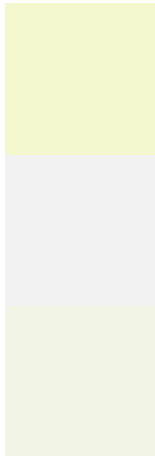
Deuteranomaly

243.9270, -9.3310, 6.2030

Tritanomaly

243.9140, -2.9156, 1.8294

Monochromacy



Original Color

241.8310, -17.1717, 1.0252

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

241.6920, -6.2572, 0.2701

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.8310, -17.1717, 1.0252 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(243, 248, 207)` looks like.

```
.text, #text, p{  
    color:rgb(243, 248, 207)  
}
```

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(243, 248, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 248, 207) }
```

Border

The CSS property to change the border of an element to YUV 241.8310, -17.1717, 1.0252 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(243, 248, 207) }
```


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

```
.border{ border-color:rgb(243, 248, 207) }
```

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

Here you see how a box with a 4 pixel rgb(243, 248, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 248, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 248, 207);  
box-shadow:4px 4px 4px 4px rgb(243, 248,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 241.8310, -17.1717, 1.0252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 248, 207) }
```

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

```
.background{ background-color: rgb(243,  
248, 207) }
```

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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