

Converting Colors

YUV(241.9510, -19.2028,
-0.8340)

Have a look what the booklet for
YUV(241.9510, -19.2028, -0.8340)
contains.

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Color

**YUV(241.9510, -19.2028,
-0.8340)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FACB
RGB	241, 250, 203
RGB Percent	95%, 98%, 80%
CMY	0.0549, 0.0196, 0.2039
CMYK	0.04, 0.00, 0.19, 0.02
HSL	71°, 82%, 89%
HSV	71°, 19%, 98%
XYZ	81.2407, 91.3838, 69.8569
YIQ	241.9510, 9.7230, -16.5250

Conversions

Conversions Part 2

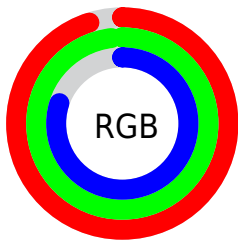
Format	Color
R _Y B	203, 250, 212
Decimal	15858379
CIE Lab	96.57, -10.69, 21.59
CIE LCh	97, 24.089, 116.352
Yxy	91.3838, 0.3350, 0.3769
Android (android.graphics.Color)	4294048459 (0xFFFF1FACB)
YUV	241.9510, -19.2028, -0.8340
Hunter-Lab	95.5949, -15.5939, 23.5896

Details

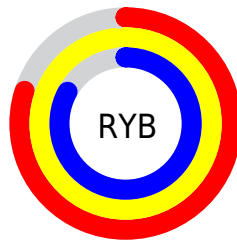
The YUV color **241.9510, -19.2028, -0.8340** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **211.0490, 19.2028, 0.8340**, and the grayscale version is **242.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **186.1790, -18.3292, -1.0340** is the 20% darker color. If you saturate the color by 10%, you get **237.6060, -29.3858, -1.4085**, and if you desaturate by 10%, it is **246.2960, -9.0199, -0.2596**.

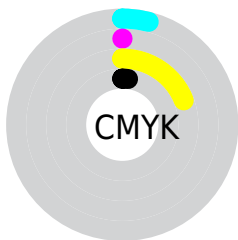
Distribution



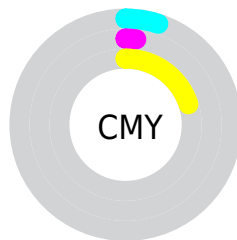
- Red (95%)
- Green (98%)
- Blue (80%)



- Red (80%)
- Yellow (98%)
- Blue (83%)



- Cyan (4%)
- Magenta (0%)
- Yellow (19%)
- Black (2%)



- Cyan (5%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.9510, -19.2028, -0.8340 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 241.9510, -19.2028, -0.8340 by changing the saturation by 10% instead.

■ 241.9510,
-19.2028, -0.8340

■ 241.9510,
-19.2028, -0.8340

255.0000, 0.0000,
0.0000

■ 213.0650,
-18.7660, -0.9340

■ 186.1790,
-18.3292, -1.0340

■ 158.7060,
-17.6031, -0.6192

■ 132.5210,
-17.0189, -1.3339

■ 107.6350,
-16.5821, -1.4339

■ 82.8630, -15.7085,
-1.6339

■ 59.9770, -15.2717,

-1.7338

■ 37.1620, -15.8559,
-1.0191

■ 17.3660, -8.5614,
-7.3370

■ 241.9510,
-19.2028, -0.8340

■ 241.9510,
-19.2028, -0.8340

■ 237.6060,
-29.3858, -1.4085

■ 246.2960, -9.0199,
-0.2596

■ 233.2610,
-39.5687, -1.9829

■ 250.6410, 1.1630,
0.3148

■ 229.2150,
-49.8990, -1.9426

■ 252.0650, 1.4470,
2.5740

■ 224.8700,
-60.0819, -2.5170

■ 220.5250,
-70.2648, -3.0914

■ 216.1800,
-80.4477, -3.6659

■ 211.8350,
-90.6307, -4.2403

■ 207.7890,
-100.9610, -4.2000

■ 207.1480,
-102.1240, -4.5148

Harmonies

Analogous

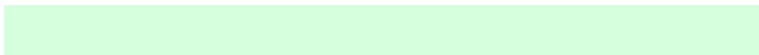
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.5720, -20.9880, 11.7764



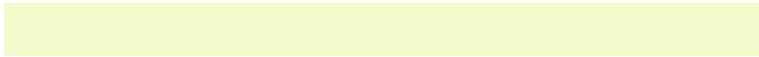
241.9510, -19.2028, -0.8340



238.6370, -9.6810, -21.6066

Triad

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



241.9510, -19.2028, -0.8340



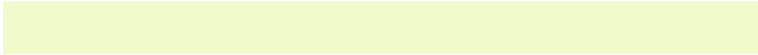
235.5650, 9.5815, -39.9605



239.0540, 4.9034, 13.9846

Complementary

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



241.9510, -19.2028, -0.8340



211.0490, 19.2028, 0.8340

Split Complementary

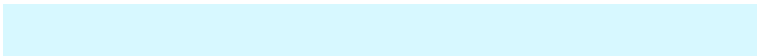
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.0860, 6.3666, 11.3256



241.9510, -19.2028, -0.8340



238.9310, 7.9220, -20.9875

Square

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



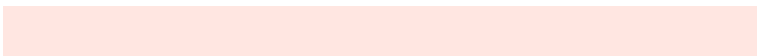
241.9510, -19.2028, -0.8340



233.1730, 10.7607, -44.8787



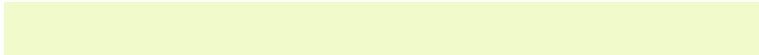
243.5040, 5.6675, 2.1890



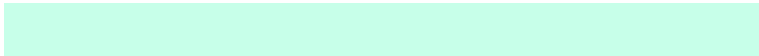
236.9050, -5.8692, 15.8693

Rectangle

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



241.9510, -19.2028, -0.8340



235.7480, -1.3548, -32.2280



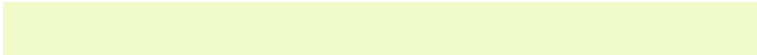
243.5040, 5.6675, 2.1890



240.3250, 7.2348, 12.8700

Sweetspot

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



241.9510, -19.2028, -0.8340



252.3930, -6.1097, -0.3447



222.3360, -9.5326, 24.2613



126.3760, -3.6364, -0.3298



0.0000, 0.0000, 0.0000



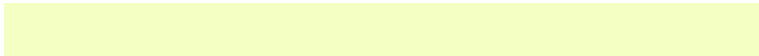
128.0000, 0.0000, 0.0000

Same Dimension

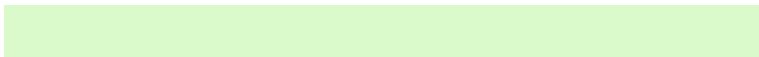
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.9510, -19.2028, -0.8340



244.9850, -24.1496, -0.8638



235.0740, -15.8125, -14.9739



122.9200, -5.3836, 0.0702



156.6900, -77.2482, -3.2361



50.4580, -24.8758, -1.2787

Inverse Universe

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



211.0490, 19.2028, 0.8340



206.3140, 24.0022, 1.4786



217.9260, 15.8125, 14.9739



114.3790, 5.2362, 0.5446



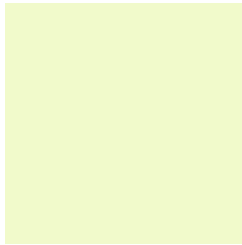
32.3100, 77.2482, 3.2361



10.5420, 24.8758, 1.2787

Previews

White Background



This preview shows how the YUV color 241.9510, -19.2028, -0.8340 looks on a white background.

Color Contrast Check

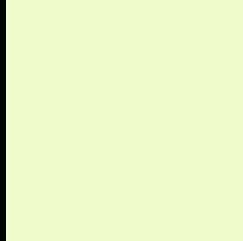
Large Text (above 18pt) WCAG AA × Fail

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 241.9510, -19.2028, -0.8340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

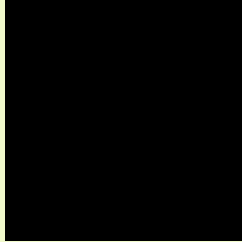
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

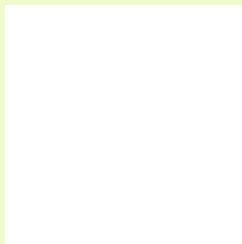
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 241.9510, -19.2028, -0.8340

Background



This preview shows how black text looks on a background with the YUV color 241.9510, -19.2028, -0.8340.



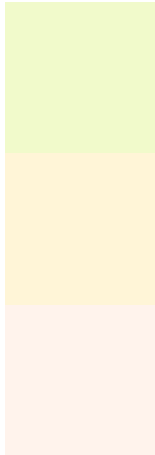
This preview shows how white text looks on a background with the YUV color 241.9510, -19.2028, -0.8340.

-0.8340.

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

241.9510, -19.2028, -0.8340

Protanopia

244.5700, -14.5780, 9.1471

Deuteranopia

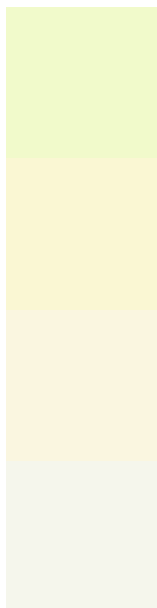
245.7900, -4.8265, 8.0772



Tritanopia

245.8630, 4.5045, 1.8741

Trichromacy



Original Color

241.9510, -19.2028, -0.8340

Protanomaly

243.7930, -16.1669, 5.4435

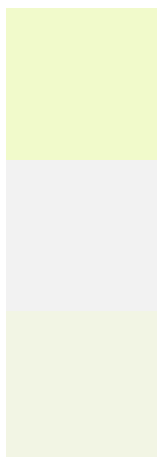
Deuteranomaly

244.6880, -10.1992, 4.6586

Tritanomaly

244.5610, -4.2206, 0.3850

Monochromacy



Original Color

241.9510, -19.2028, -0.8340

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

242.1650, -6.9833, -0.1447

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.9510, -19.2028, -0.8340 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(241, 250, 203)` looks like.

```
.text, #text, p{  
    color:rgb(241, 250, 203)  
}
```

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(241, 250, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 250, 203) }
```

Border

The CSS property to change the border of an element to YUV 241.9510, -19.2028, -0.8340 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(241, 250, 203) }
```


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

```
.border{ border-color:rgb(241, 250, 203) }
```

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

Here you see how a box with a 4 pixel rgb(241, 250, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 250, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 250, 203);  
box-shadow:4px 4px 4px 4px rgb(241, 250,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 241.9510, -19.2028, -0.8340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 250, 203) }
```

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

```
.background{ background-color: rgb(241,  
250, 203) }
```

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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