

Converting Colors

YUV(241.5210, 3.1941, 2.1741)

Have a look what the booklet for
YUV(241.5210, 3.1941, 2.1741)
contains.

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Color

**YUV(241.5210, 3.1941,
2.1741)**

Conversions

Conversions Part 1

Format	Color
Hex	F4EFF8
RGB	244, 239, 248
RGB Percent	96%, 94%, 97%
CMY	0.0431, 0.0627, 0.0275
CMYK	0.02, 0.04, 0.00, 0.03
HSL	273°, 39%, 95%
HSV	273°, 4%, 97%
XYZ	85.1180, 87.7434, 101.2569
YIQ	241.5210, 0.0910, 3.8590

Conversions

Conversions Part 2

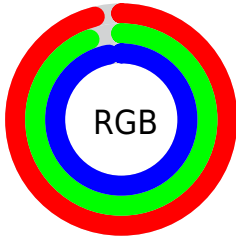
Format	Color
R _Y B	244, 239, 248
Decimal	16052216
CIE Lab	95.05, 3.27, -3.75
CIE LCh	95, 4.973, 311.106
Yxy	87.7434, 0.3105, 0.3201
Android (android.graphics.Color)	4294242296 (0xFF4EFF8)
YUV	241.5210, 3.1941, 2.1741
Hunter-Lab	93.6715, -1.7245, 1.4788

Details

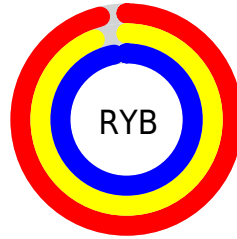
The YUV color `241.5210, 3.1941, 2.1741` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `245.4790, -3.1941, -2.1741`, and the grayscale version is `241.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `185.5210, 3.1941, 2.1741` is the 20% darker color. If you saturate the color by 10%, you get `223.5570, 12.0504, 8.2815`, and if you desaturate by 10%, it is `254.2020, -3.0576, 0.6998`.

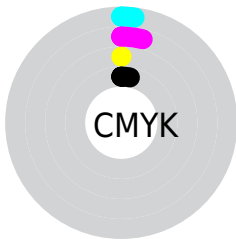
Distribution



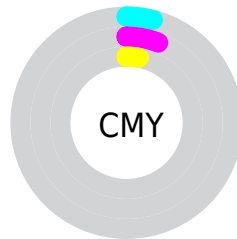
- Red (96%)
- Green (94%)
- Blue (97%)



- Red (96%)
- Yellow (94%)
- Blue (97%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)



- Cyan (4%)
- Magenta (6%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.5210, 3.1941, 2.1741 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 241.5210, 3.1941, 2.1741 by changing the saturation by 10% instead.

241.5210, 3.1941,
2.1741

241.5210, 3.1941,
2.1741

255.0000, 0.0000,
0.0000

213.4070, 2.7573,
2.2741

185.5210, 3.1941,
2.1741

158.5210, 3.1941,
2.1741

132.4070, 2.7573,
2.2741

107.1080, 2.9048,
1.6593

82.9940, 2.4680,
1.7593

59.9940, 2.4680,

1.7593

■ 37.9940, 2.4680,
1.7593

■ 17.4070, 2.7573,
2.2741

■ 241.5210, 3.1941,
2.1741

■ 241.5210, 3.1941,
2.1741

■ 223.5570, 12.0504,
8.2815

■ 254.2020, -3.0576,
0.6998

■ 205.5930, 20.9067,
14.3889

■ 188.2160, 29.4735,
19.9816

■ 170.2520, 38.3298,
26.0890

■ 152.2880, 47.1860,
32.1964

■ 134.3240, 56.0423,
38.3039

■ 116.3600, 64.8985,
44.4113

■ 98.9830, 73.4654,
50.0039

■ 81.0190, 82.3216,
56.1113

Harmonies

Analogous

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



241.1290, 4.3734, -2.7441



241.5210, 3.1941, 2.1741



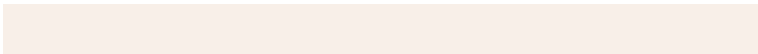
241.9730, 0.9993, 6.1627

Triad

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



241.5210, 3.1941, 2.1741



240.8930, -4.3842, 6.2328



239.5860, 1.1901, -8.4069

Complementary

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



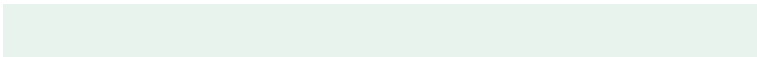
241.5210, 3.1941, 2.1741



245.4790, -3.1941, -2.1741

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.



239.0270, -0.9993, -6.1627



241.5210, 3.1941, 2.1741



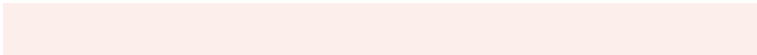
240.4580, -4.6628, 2.2293

Square

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



241.5210, 3.1941, 2.1741



241.5450, -3.2267, 8.2920



239.4790, -3.1941, -2.1741



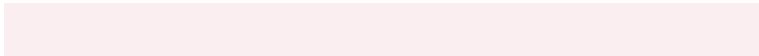
239.5690, 3.6635, -8.3920

Rectangle

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



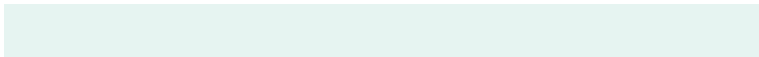
241.5210, 3.1941, 2.1741



242.2290, -0.6059, 7.6922



239.4790, -3.1941, -2.1741



239.4720, 0.7533, -8.3069

Sweetspot

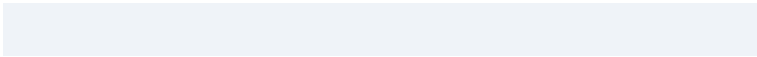
The Sweet Spot groups the original color and five complimentary colors.



241.5210, 3.1941, 2.1741



252.9400, 1.0156, 0.9296



242.3740, 2.7736, -2.9590



126.5270, 0.7262, 0.4148



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.



241.5210, 3.1941, 2.1741



247.6350, 3.6309, 2.0741



242.7170, 2.6045, 4.6332



120.5810, 2.1786, 1.2445



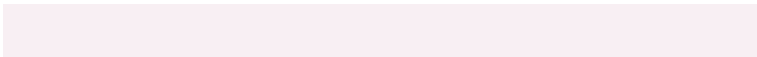
52.9410, 67.0771, 45.6557



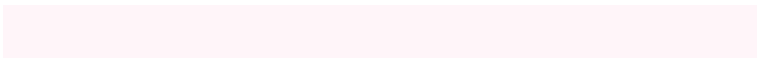
17.1200, 21.6328, 14.8038

Inverse Universe

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



242.1470, 0.4205, 5.1331



248.4460, 0.2731, 5.7479



244.2830, -2.6045, -4.6332



121.0220, -0.0108, 3.4887



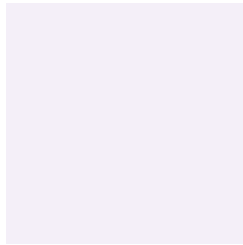
66.0870, 8.8311, 107.7947



21.3170, 2.8017, 34.8020

Previews

White Background



This preview shows how the YUV color 241.5210, 3.1941, 2.1741 looks on a white background.

Color Contrast Check

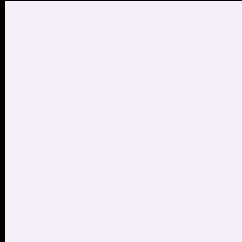
Large Text (above 18pt) WCAG AA × Fail

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 241.5210, 3.1941, 2.1741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

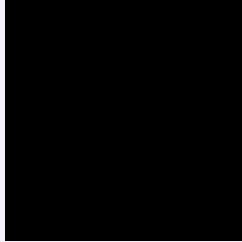
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

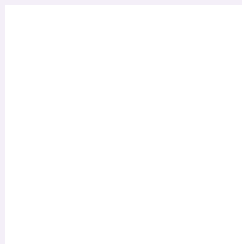
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 241.5210, 3.1941, 2.1741

Background



This preview shows how black text looks on a background with the YUV color 241.5210, 3.1941, 2.1741.



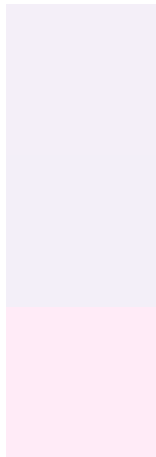
This preview shows how white text looks on a background with the YUV color 241.5210, 3.1941,

2.1741.

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

241.5210, 3.1941, 2.1741

Protanopia

241.2220, 3.3416, 1.5593

Deuteranopia

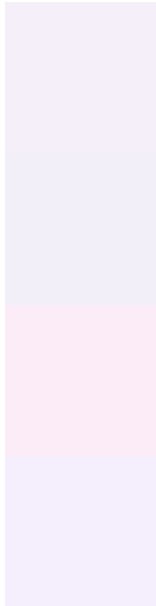
242.3480, 2.2934, 11.0958



Tritanopia

242.0310, 6.3937, 2.6038

Trichromacy



Original Color

241.5210, 3.1941, 2.1741

Protanomaly

241.2220, 3.3416, 1.5593

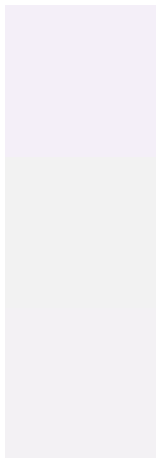
Deuteranomaly

241.7390, 2.5937, 8.1219

Tritanomaly

241.6890, 5.0833, 2.9037

Monochromacy



Original Color

241.5210, 3.1941, 2.1741

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

241.9400, 1.0156, 0.9296

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.5210, 3.1941, 2.1741 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(244, 239, 248)` looks like.

```
.text, #text, p{  
    color:rgb(244, 239, 248)  
}
```

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(244, 239, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 239, 248) }
```

Border

The CSS property to change the border of an element to YUV 241.5210, 3.1941, 2.1741 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(244, 239, 248) }
```


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

```
.border{ border-color:rgb(244, 239, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 239, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 239, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 239, 248);  
box-shadow:4px 4px 4px 4px rgb(244, 239,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 241.5210, 3.1941, 2.1741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 239, 248) }
```

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

```
.background{ background-color: rgb(244,  
239, 248) }
```

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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