

Converting Colors

YUV(241.0710, -1.0210, 0.8147)

Have a look what the booklet for
YUV(241.0710, -1.0210, 0.8147)
contains.

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Color

**YUV(241.0710, -1.0210,
0.8147)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F1EF
RGB	242, 241, 239
RGB Percent	95%, 95%, 94%
CMY	0.0510, 0.0549, 0.0627
CMYK	0.00, 0.00, 0.01, 0.05
HSL	40°, 10%, 94%
HSV	40°, 1%, 95%
XYZ	83.6532, 88.0198, 94.2419
YIQ	241.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

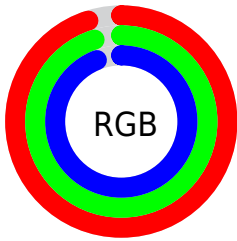
Format	Color
R _Y B	241, 242, 239
Decimal	15921647
CIE Lab	95.17, -0.01, 1.07
CIE LCh	95, 1.071, 90.713
Yxy	88.0198, 0.3146, 0.3310
Android (android.graphics.Color)	4294111727 (0xFF2F1EF)
YUV	241.0710, -1.0210, 0.8147
Hunter-Lab	93.8189, -5.0242, 6.1159

Details

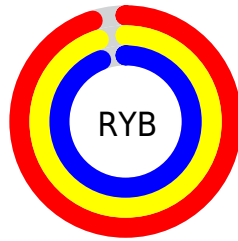
The YUV color $241.0710, -1.0210, 0.8147$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $239.9290, 1.0210, -0.8147$, and the grayscale version is $241.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $185.0710, -1.0210, 0.8147$ is the 20% darker color. If you saturate the color by 10%, you get $233.6390, -9.1890, 7.3326$, and if you desaturate by 10%, it is $247.5910, 3.6526, -4.9033$.

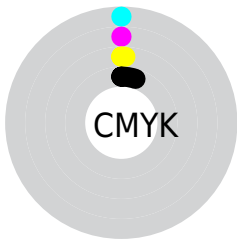
Distribution



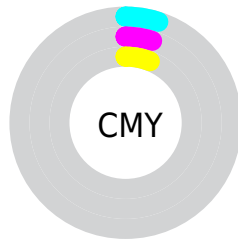
- Red (95%)
- Green (95%)
- Blue (94%)



- Red (95%)
- Yellow (95%)
- Blue (94%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)



- Cyan (5%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.0710, -1.0210, 0.8147 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 241.0710, -1.0210, 0.8147 by changing the saturation by 10% instead.

■ 241.0710, -1.0210,
0.8147

■ 241.0710, -1.0210,
0.8147

255.0000, 0.0000,
0.0000

■ 213.0710, -1.0210,
0.8147

■ 185.0710, -1.0210,
0.8147

■ 158.0710, -1.0210,
0.8147

■ 132.0710, -1.0210,
0.8147

■ 107.0710, -1.0210,
0.8147

■ 82.7720, -0.8736,
0.2000

■ 59.7720, -0.8736,

0.2000

■ 38.1850, -0.5842,
0.7148

■ 17.0710, -1.0210,
0.8147

■ 241.0710, -1.0210,
0.8147

■ 241.0710, -1.0210,
0.8147

■ 233.6390, -9.1890,
7.3326

■ 247.5910, 3.6526,
-4.9033

■ 226.2070,
-17.3571, 13.8505

■ 251.1130, 1.9163,
-7.9921

■ 218.6610,
-25.9619, 20.4683

■ 211.2290,
-34.1299, 26.9862

■ 203.7970,
-42.2979, 33.5040

■ 196.3650,
-50.4659, 40.0219

■ 188.9330,
-58.6340, 46.5398

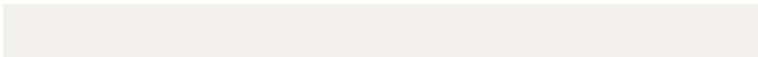
■ 180.8000,
-66.9494, 53.6724

■ 173.3680,
-75.1174, 60.1903

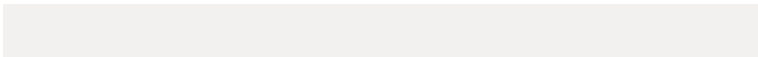
Harmonies

Analogous

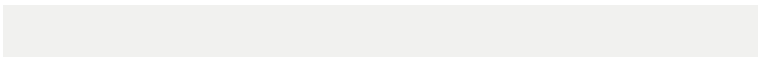
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.3700, -1.1684, 1.4295



241.0710, -1.0210, 0.8147



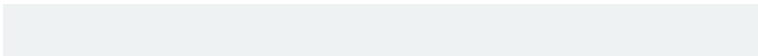
240.7720, -0.8736, 0.2000

Triad

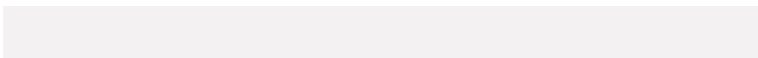
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.0710, -1.0210, 0.8147



241.1030, 0.4422, -1.8443



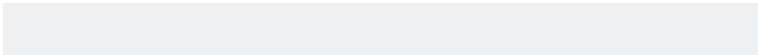
241.7120, 0.1420, 1.1296

Complementary

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



241.0710, -1.0210, 0.8147



239.9290, 1.0210, -0.8147

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.



241.2280, 0.8736, -0.2000



241.0710, -1.0210, 0.8147



240.6300, 1.1684, -1.4295

Square

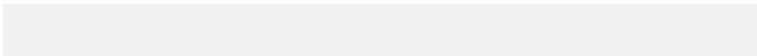
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



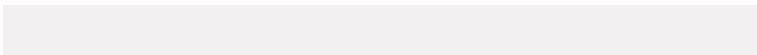
241.0710, -1.0210, 0.8147



240.9890, 0.0054, -1.7444



240.9290, 1.0210, -0.8147



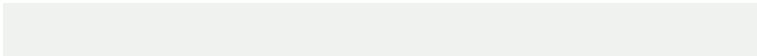
241.0110, -0.0054, 1.7444

Rectangle

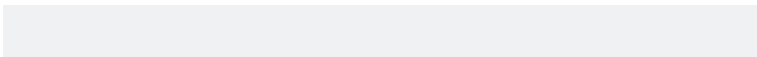
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



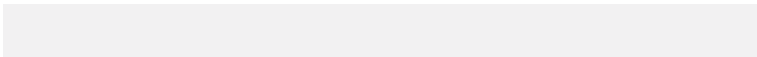
241.0710, -1.0210, 0.8147



241.1740, -0.5788, -1.0296



240.9290, 1.0210, -0.8147



241.4130, 0.2894, 0.5148

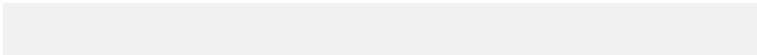
Sweetspot

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



241.0710, -1.0210, 0.8147

255.0000, 0.0000, 0.0000



240.0110, -0.0054, 1.7444



128.0000, 0.0000, 0.0000



0.0000, 0.0000, 0.0000

Same Dimension

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



241.0710, -1.0210, 0.8147



254.0710, -1.0210, 0.8147



241.3590, -1.1630, -0.3148



119.2990, -0.1474, 0.6148



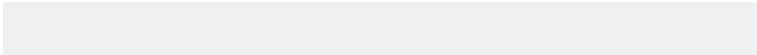
126.6300, -62.4286, 50.3135



38.4630, -18.9623, 15.3799

Inverse Universe

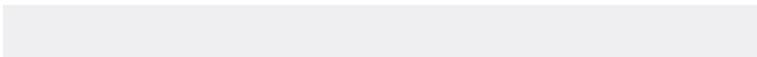
The Inverse Universe completely reimagines the original color for something new.



239.9290, 1.0210, -0.8147



252.9290, 1.0210, -0.8147



239.3420, 1.3104, -0.2999



119.1140, 0.4368, -0.1000



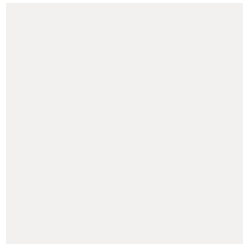
56.7830, 62.7180, -49.7987



17.5370, 18.9623, -15.3799

Previews

White Background



This preview shows how the YUV color 241.0710, -1.0210, 0.8147 looks on a white background.

Color Contrast Check

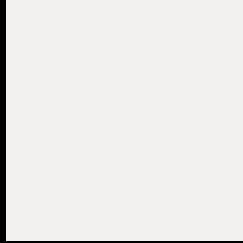
Large Text (above 18pt) WCAG AA × Fail

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 241.0710, -1.0210, 0.8147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

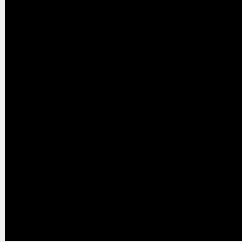
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

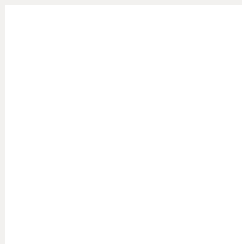
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 241.0710, -1.0210, 0.8147

Background



This preview shows how black text looks on a background with the YUV color 241.0710, -1.0210, 0.8147.



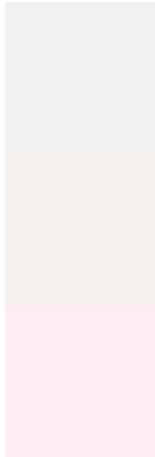
This preview shows how white text looks on a background with the YUV color 241.0710, -1.0210,

0.8147.

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

241.0710, -1.0210, 0.8147

Protanopia

241.5660, -1.7580, 3.8886

Deuteranopia

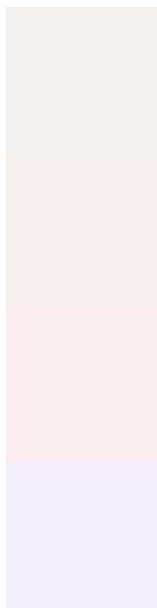
242.8380, -0.9061, 10.6661



Tritanopia

242.3190, 6.2517, 1.4742

Trichromacy



Original Color

241.0710, -1.0210, 0.8147

Protanomaly

241.2670, -1.6106, 3.2738

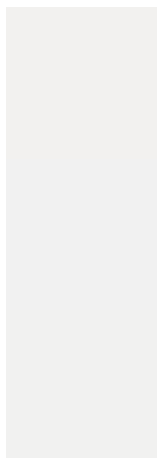
Deuteranomaly

241.8160, -0.8953, 7.1774

Tritanomaly

241.9230, 3.4890, 0.9445

Monochromacy



Original Color

241.0710, -1.0210, 0.8147

Achromatopsia

241.0000, 0.0000, 0.0000

Achromatomaly

240.8860, -0.4368, 0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.0710, -1.0210, 0.8147 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(242, 241, 239)` looks like.

```
.text, #text, p{  
    color:rgb(242, 241, 239)  
}
```

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(242, 241, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 241, 239) }
```

Border

The CSS property to change the border of an element to YUV 241.0710, -1.0210, 0.8147 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(242, 241, 239) }
```

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

```
.border{ border-color:rgb(242, 241, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 241, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 241, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 241, 239);  
box-shadow:4px 4px 4px 4px rgb(242, 241,  
239) }
```


Background

The CSS property to change the background color of an element to YUV 241.0710, -1.0210, 0.8147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 241, 239) }
```

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

```
.background{ background-color: rgb(242,  
241, 239) }
```

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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