

Converting Colors

YIQ(241.2070, 3.8510, 1.7950)

Have a look what the booklet for
YIQ(241.2070, 3.8510, 1.7950)
contains.

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Color

**YIQ(241.2070, 3.8510,
1.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	F6EFF0
RGB	246, 239, 240
RGB Percent	96%, 94%, 94%
CMY	0.0353, 0.0627, 0.0588
CMYK	0.00, 0.03, 0.02, 0.04
HSL	351°, 28%, 95%
HSV	351°, 3%, 96%
XYZ	84.6019, 87.6164, 94.8936
YIQ	241.2070, 3.8510, 1.7950

Conversions

Conversions Part 2

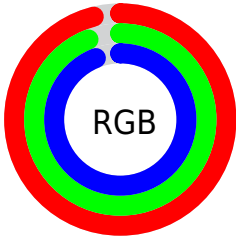
Format	Color
R _Y B	246, 239, 240
Decimal	16183280
CIE Lab	95.00, 2.52, 0.34
CIE LCh	95, 2.547, 7.644
Yxy	87.6164, 0.3167, 0.3280
Android (android.graphics.Color)	4294373360 (0xFF6EFF0)
YUV	241.2070, -0.5951, 4.2035
Hunter-Lab	93.6036, -2.4724, 5.4154

Details

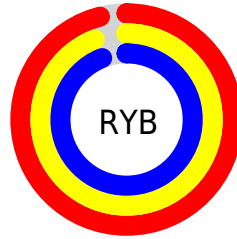
The YIQ color $241.2070, 3.8510, 1.7950$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $243.7930, -3.8510, -1.7950$, and the grayscale version is $241.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $185.2070, 3.8510, 1.7950$ is the 20% darker color. If you saturate the color by 10%, you get $224.1380, 17.4670, 8.3390$, and if you desaturate by 10%, it is $252.3090, -5.3640, -1.9080$.

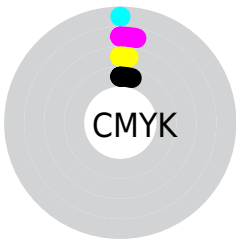
Distribution



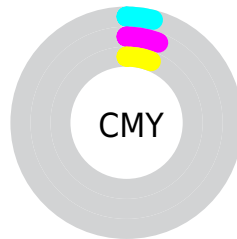
- Red (96%)
- Green (94%)
- Blue (94%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 241.2070, 3.8510, 1.7950 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 YIQ color 241.2070, 3.8510, 1.7950 by changing the saturation by 10% instead.

241.2070, 3.8510,
1.7950

241.2070, 3.8510,
1.7950

255.0000, -0.0000,
-0.0000

213.2070, 3.8510,
1.7950

185.2070, 3.8510,
1.7950

158.2070, 3.8510,
1.7950

131.9080, 3.2550,
1.5830

106.9080, 3.2550,
1.5830

82.9080, 3.2550,
1.5830

59.6090, 2.6590,

1.3710

■ 37.9080, 3.2550,
1.5830

■ 16.9080, 3.2550,
1.5830

■ 241.2070, 3.8510,
1.7950

■ 241.2070, 3.8510,
1.7950

■ 224.1380, 17.4670,
8.3390

■ 252.3090, -5.3640,
-1.9080

■ 207.6560, 30.8080,
14.3600

■ 190.5870, 44.4240,
20.9040

■ 174.1050, 57.7650,
26.9250

■ 157.0360, 71.3810,
33.4690

■ 139.9670, 84.9970,
40.0130

■ 123.3710, 98.6590,
45.7230

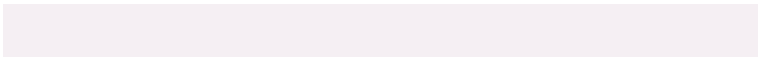
■ 106.3020,
112.2750, 52.2670

■ 89.8200, 125.6160,
58.2880

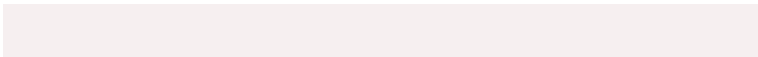
Harmonies

Analogous

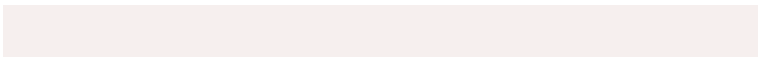
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.2500, 2.2920, 2.5160



241.2070, 3.8510, 1.7950



240.9790, 4.4930, 1.1730

Triad

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



241.2070, 3.8510, 1.7950



239.9460, 0.0920, -1.6680



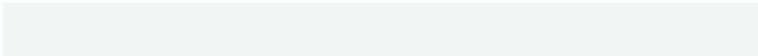
239.9610, -4.2640, 0.1840

Complementary

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



241.2070, 3.8510, 1.7950



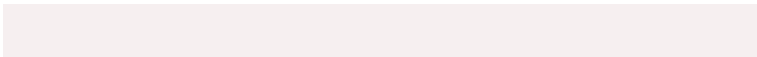
243.7930, -3.8510, -1.7950

Split Complementary

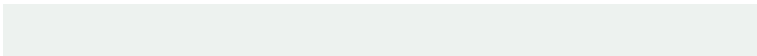
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.0210, -4.4930, -1.1730



241.2070, 3.8510, 1.7950



240.1630, -2.0170, -1.9930

Square

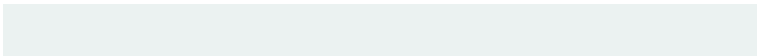
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



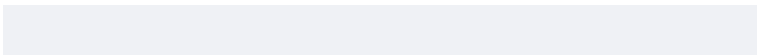
241.2070, 3.8510, 1.7950



240.7290, 2.2010, -1.3430



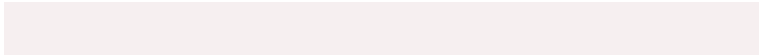
239.7930, -3.8510, -1.7950



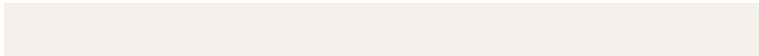
240.8580, -2.4760, 0.8200

Rectangle

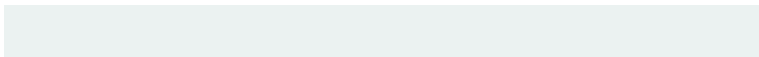
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241.2070, 3.8510, 1.7950



241.0390, 4.2640, -0.1840



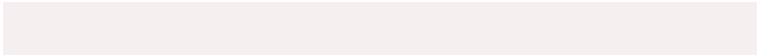
239.7930, -3.8510, -1.7950



240.5480, -4.5390, -0.3390

Sweetspot

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



241.2070, 3.8510, 1.7950



253.0110, 1.4670, 0.9470



241.5920, 1.3290, 3.4490



126.5980, 1.1920, 0.4240



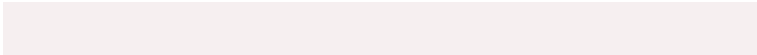
0.0000, 0.0000, 0.0000



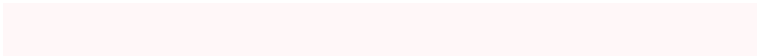
128.0000, -0.0000, -0.0000

Same Dimension

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



241.2070, 3.8510, 1.7950



249.5060, 4.4470, 2.0070



242.2670, 3.6220, 0.4380



119.1960, 2.3840, 0.8480



58.6920, 102.1890, 47.8290



18.5530, 32.5960, 14.9960

Inverse Universe

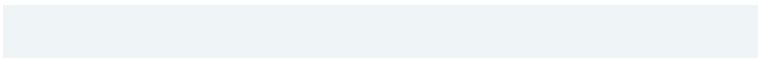
The Inverse Universe completely reimagines the original color for something new.



241.2070, 3.8510, 1.7950



249.5060, 4.4470, 2.0070



242.7330, -3.6220, -0.4380



119.1960, 2.3840, 0.8480



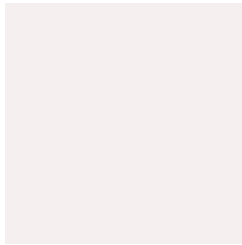
58.6920, 102.1890, 47.8290



18.5530, 32.5960, 14.9960

Previews

White Background



This preview shows how the YIQ color 241.2070, 3.8510, 1.7950 looks on a white background.

Color Contrast Check

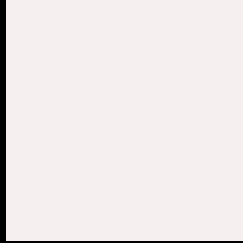
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 241.2070, 3.8510, 1.7950 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

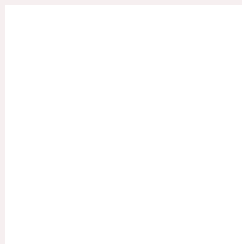
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 241.2070, 3.8510, 1.7950

Background



This preview shows how black text looks on a background with the YIQ color 241.2070, 3.8510, 1.7950.



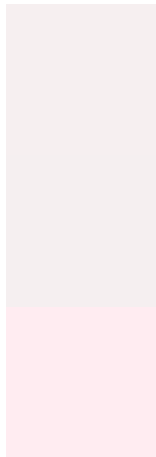
This preview shows how white text looks on a background with the YIQ color 241.2070, 3.8510,

1.7950.

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

241.2070, 3.8510, 1.7950

Protanopia

240.9080, 3.2550, 1.5830

Deuteranopia

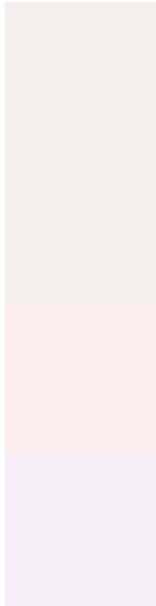
242.2510, 9.7190, 5.5830



Tritanopia

242.3410, 0.7780, 7.9300

Trichromacy



Original Color

241.2070, 3.8510, 1.7950

Protanomaly

240.9080, 3.2550, 1.5830

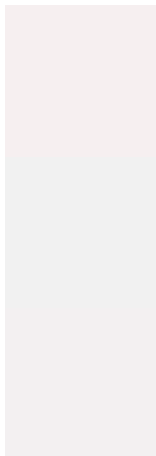
Deuteranomaly

241.9410, 7.6560, 4.4240

Tritanomaly

242.0590, 1.5120, 5.6400

Monochromacy



Original Color

241.2070, 3.8510, 1.7950

Achromatopsia

241.0000, -0.0000, -0.0000

Achromatomaly

241.0110, 1.4670, 0.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 241.2070, 3.8510, 1.7950 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(246, 239, 240)` looks like.

```
.text, #text, p{  
    color:rgb(246, 239, 240)  
}
```

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(246, 239, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 239, 240) }
```

Border

The CSS property to change the border of an element to YIQ 241.2070, 3.8510, 1.7950 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(246, 239, 240) }
```


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

```
.border{ border-color:rgb(246, 239, 240) }
```

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

Here you see how a box with a 4 pixel rgb(246, 239, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 239, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 239, 240);  
box-shadow:4px 4px 4px 4px rgb(246, 239,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 241.2070, 3.8510, 1.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 239, 240) }
```

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

```
.background{ background-color: rgb(246,  
239, 240) }
```

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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