

Converting Colors

YIQ(242.0370, -1.4220, 3.7460)

Have a look what the booklet for
YIQ(242.0370, -1.4220, 3.7460)
contains.

YIQ(242.0370, -1.4220, 3.7460)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(242.0370, -1.4220,
3.7460)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F0FA
RGB	243, 240, 250
RGB Percent	95%, 94%, 98%
CMY	0.0470, 0.0588, 0.0196
CMYK	0.03, 0.04, 0.00, 0.02
HSL	258°, 50%, 96%
HSV	258°, 4%, 98%
XYZ	85.3778, 88.2767, 102.9789
YIQ	242.0370, -1.4220, 3.7460

Conversions

Conversions Part 2

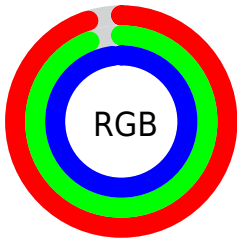
Format	Color
R _Y B	243, 240, 250
Decimal	15986938
CIE Lab	95.28, 2.79, -4.46
CIE LCh	95, 5.262, 302.041
Yxy	88.2767, 0.3086, 0.3191
Android (android.graphics.Color)	4294177018 (0xFF3F0FA)
YUV	242.0370, 3.9258, 0.8446
Hunter-Lab	93.9557, -2.2188, 0.7849

Details

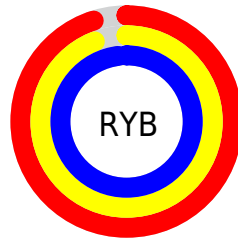
The YIQ color $242.0370, -1.4220, 3.7460$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $247.9630, 1.4220, -3.7460$, and the grayscale version is $242.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $186.0370, -1.4220, 3.7460$ is the 20% darker color. If you saturate the color by 10%, you get $222.2790, -4.6790, 13.2170$, and if you desaturate by 10%, it is $254.4300, 1.6050, -1.5550$.

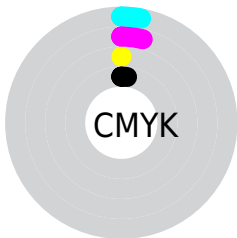
Distribution



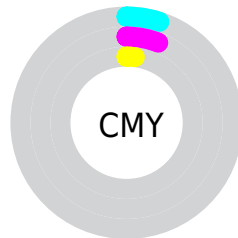
- Red (95%)
- Green (94%)
- Blue (98%)



- Red (95%)
- Yellow (94%)
- Blue (98%)



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



- Cyan (5%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 242.0370, -1.4220, 3.7460 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 242.0370, -1.4220, 3.7460 by changing the saturation by 10% instead.

242.0370, -1.4220,
3.7460

242.0370, -1.4220,
3.7460

255.0000, -0.0000,
-0.0000

213.9230, -1.1010,
3.4350

186.0370, -1.4220,
3.7460

158.9230, -1.1010,
3.4350

132.9230, -1.1010,
3.4350

107.6240, -1.6970,
3.2230

83.5100, -1.3760,
2.9120

60.5100, -1.3760,

2.9120

■ 38.5100, -1.3760,
2.9120

■ 17.8090, -0.7800,
3.1240

■ 242.0370, -1.4220,
3.7460

■ 242.0370, -1.4220,
3.7460

■ 222.2790, -4.6790,
13.2170

254.4300, 1.6050,
-1.5550

■ 202.2220, -8.5320,
22.4760

■ 182.4640,
-11.7890, 31.9470

■ 162.4070,
-15.6420, 41.2060

■ 142.6490,
-18.8990, 50.6770

■ 122.5920,
-22.7520, 59.9360

■ 102.8340,
-26.0090, 69.4070

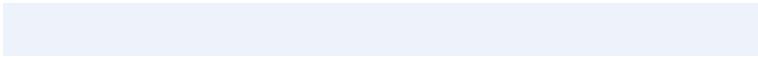
■ 82.7770, -29.8620,
78.6660

■ 63.0190, -33.1190,
88.1370

Harmonies

Analogous

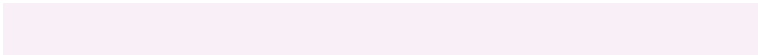
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.5310, -5.8690, 1.7390



242.0370, -1.4220, 3.7460



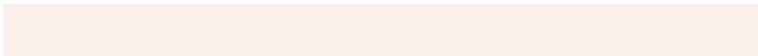
242.7880, 3.7130, 4.2970

Triad

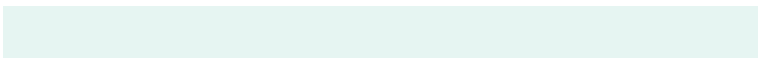
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.0370, -1.4220, 3.7460



242.1920, 8.2070, -0.0570



240.1730, -7.9770, -4.1130

Complementary

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



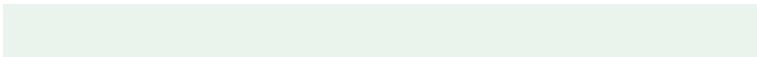
242.0370, -1.4220, 3.7460



247.9630, 1.4220, -3.7460

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.



240.0980, -3.3920, -4.6080



242.0370, -1.4220, 3.7460



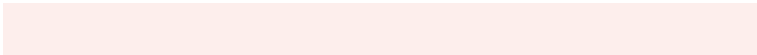
241.3550, 6.1900, -2.0500

Square

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



242.0370, -1.4220, 3.7460



242.2570, 9.5820, 2.5580



240.9630, 1.4220, -3.7460



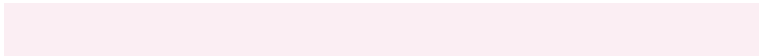
239.8570, -9.9030, -2.2470

Rectangle

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



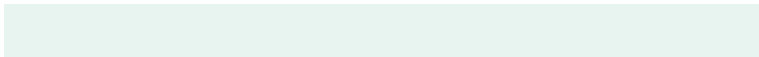
242.0370, -1.4220, 3.7460



242.4570, 6.1430, 4.3110



240.9630, 1.4220, -3.7460



239.6570, -6.4640, -4.0000

Sweetspot

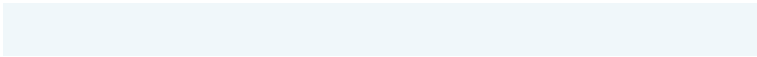
The Sweet Spot groups the original color and five complimentary colors.



242.0370, -1.4220, 3.7460



252.6410, -0.3670, 1.1450



245.2490, -5.1350, -0.5510



126.5270, -0.0460, 0.8340



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.



242.0370, -1.4220, 3.7460



244.6780, -1.7890, 4.8910



243.5320, 1.5580, 4.8060



118.8090, -0.7800, 3.1240



38.5890, -26.6970, 70.8630



12.3360, -8.8530, 22.7870

Inverse Universe

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



243.7880, 3.7130, 4.2970



246.9130, 4.8590, 5.5550



246.4680, -1.5580, -4.8060



120.0760, 2.8420, 3.5620



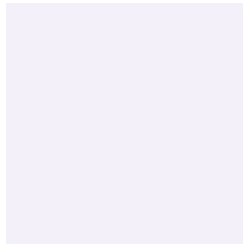
71.5590, 70.2720, 81.1200



23.1410, 22.5530, 26.3050

Previews

White Background



This preview shows how the YIQ color 242.0370, -1.4220, 3.7460 looks on a white background.

Color Contrast Check

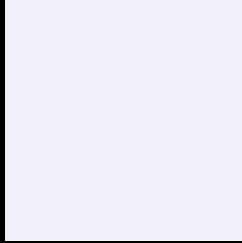
Large Text (above 18pt) WCAG AA × Fail

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 242.0370, -1.4220, 3.7460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

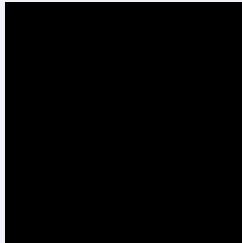
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

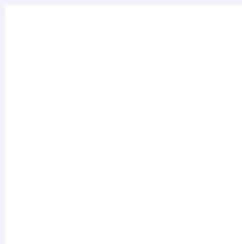
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 242.0370, -1.4220, 3.7460

Background



This preview shows how black text looks on a background with the YIQ color 242.0370, -1.4220, 3.7460.



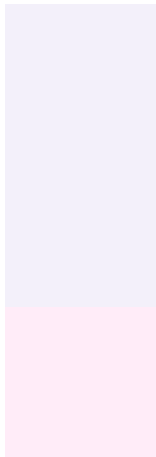
This preview shows how white text looks on a background with the YIQ color 242.0370, -1.4220,

3.7460.

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

242.0370, -1.4220, 3.7460

Protanopia

242.0370, -1.4220, 3.7460

Deuteranopia

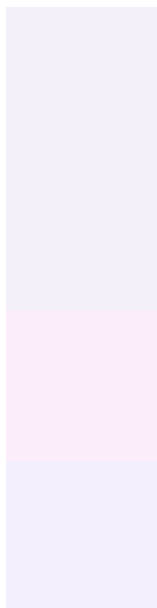
243.0490, 7.4720, 7.7600



Tritanopia

242.3190, -2.1560, 6.0360

Trichromacy



Original Color

242.0370, -1.4220, 3.7460

Protanomaly

242.0370, -1.4220, 3.7460

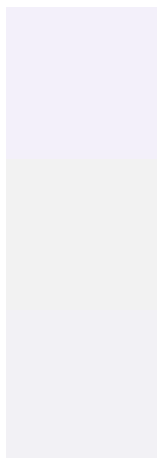
Deuteranomaly

242.5540, 4.4920, 6.7000

Tritanomaly

242.0910, -1.5140, 5.4140

Monochromacy



Original Color

242.0370, -1.4220, 3.7460

Achromatopsia

242.0000, -0.0000, 0.0000

Achromatomaly

241.7550, -0.6880, 1.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 242.0370, -1.4220, 3.7460 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, 240, 250)` looks like.

```
.text, #text, p{  
    color:rgb(243, 240, 250)  
}
```

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, 240, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 240, 250) }
```

Border

The CSS property to change the border of an element to YIQ 242.0370, -1.4220, 3.7460 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, 240, 250) }
```


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

```
.border{ border-color:rgb(243, 240, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 240, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 240, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 240, 250);  
box-shadow:4px 4px 4px 4px rgb(243, 240,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 242.0370, -1.4220, 3.7460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 240, 250) }
```

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

```
.background{ background-color: rgb(243,  
240, 250) }
```

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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