

Converting Colors

YIQ(235.4770, 3.3910, 10.1350)

Have a look what the booklet for
YIQ(235.4770, 3.3910, 10.1350)
contains.

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Color

**YIQ(235.4770, 3.3910,
10.1350)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E4F9
RGB	245, 228, 249
RGB Percent	96%, 89%, 98%
CMY	0.0392, 0.1059, 0.0235
CMYK	0.02, 0.08, 0.00, 0.02
HSL	289°, 64%, 94%
HSV	289°, 8%, 98%
XYZ	82.5012, 81.7373, 101.0506
YIQ	235.4770, 3.3910, 10.1350

Conversions

Conversions Part 2

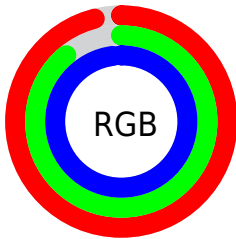
Format	Color
R _Y B	245, 228, 249
Decimal	16114937
CIE Lab	92.46, 9.46, -8.09
CIE LCh	92, 12.445, 319.475
Yxy	81.7373, 0.3110, 0.3081
Android (android.graphics.Color)	4294305017 (0xFFFF5E4F9)
YUV	235.4770, 6.6668, 8.3517
Hunter-Lab	90.4087, 4.6724, -2.9828

Details

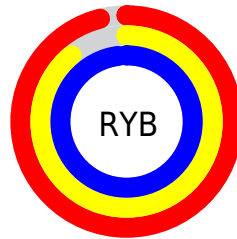
The YIQ color $235.4770, 3.3910, 10.1350$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $241.5230, -3.3910, -10.1350$, and the grayscale version is $235.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.0640, 3.1160, 9.6120$ is the 20% darker color. If you saturate the color by 10%, you get $219.3070, 7.2860, 22.1500$, and if you desaturate by 10%, it is $251.6470, -0.5040, -1.8800$.

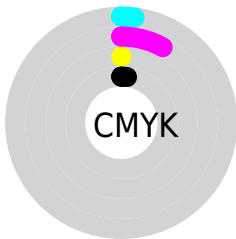
Distribution



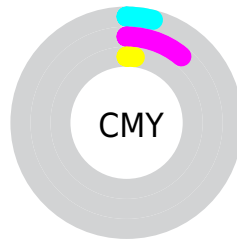
- Red (96%)
- Green (89%)
- Blue (98%)



- Red (96%)
- Yellow (89%)
- Blue (98%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (4%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.4770, 3.3910, 10.1350 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 235.4770, 3.3910, 10.1350 by changing the saturation by 10% instead.


 235.4770, 3.3910,
10.1350


 235.4770, 3.3910,
10.1350


255.0000, -0.0000,
-0.0000


 207.3630, 3.7120,
9.8240

 180.0640, 3.1160,
9.6120

 152.9500, 3.4370,
9.3010

 126.6510, 2.8410,
9.0890

 102.2380, 2.5660,
8.5660

 78.1240, 2.8870,
8.2550

 54.8250, 2.2910,

8.0430

■ 33.4120, 2.0160,
7.5200

■ 10.0750, 4.5830,
10.5590

■ 235.4770, 3.3910,
10.1350

■ 235.4770, 3.3910,
10.1350

■ 219.3070, 7.2860,
22.1500

■ 251.6470, -0.5040,
-1.8800

■ 203.4360, 11.7770,
34.3770

■ 254.0170, 1.3300,
-2.0780

■ 187.2660, 15.6720,
46.3920

■ 254.3160, 1.9260,
-1.8660

■ 171.0960, 19.5670,
58.4070

■ 154.9260, 23.4620,
70.4220

■ 139.6420, 27.6780,
82.1260

■ 123.4720, 31.5730,
94.1410

■ 107.3020, 35.4680,
106.1560

■ 91.1320, 39.3630,
118.1710

Harmonies

Analogous

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



234.3230, -7.9790, 6.9410



235.4770, 3.3910, 10.1350



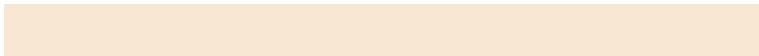
236.0390, 13.4320, 9.8800

Triad

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



235.4770, 3.3910, 10.1350



233.6890, 16.8730, -2.9270



229.3500, -21.7770, -7.3210

Complementary

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



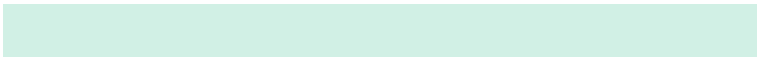
235.4770, 3.3910, 10.1350



241.5230, -3.3910, -10.1350

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.



229.4770, -14.9450, -9.9930



235.4770, 3.3910, 10.1350



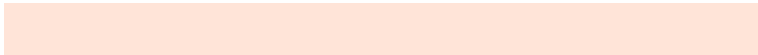
232.2640, 7.7040, -7.4640

Square

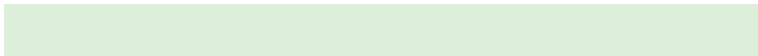
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.4770, 3.3910, 10.1350



234.7050, 19.9440, 1.9920



230.6370, -3.7120, -9.8240



230.5010, -23.5200, -3.2640

Rectangle

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



235.4770, 3.3910, 10.1350



234.5400, 16.2750, 7.9150



230.6370, -3.7120, -9.8240



229.7800, -20.1720, -8.8760

Sweetspot

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



235.4770, 3.3910, 10.1350



250.0050, 1.6040, 3.9720



232.7420, -7.8410, 4.4390



124.1790, 1.0540, 2.9260



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.



235.4770, 3.3910, 10.1350



238.8300, 3.8950, 12.0150



235.9890, 7.7010, 9.1170



116.7710, 2.3830, 6.3750



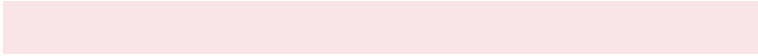
67.2930, 30.5190, 91.2150



21.9040, 10.2190, 29.5710

Inverse Universe

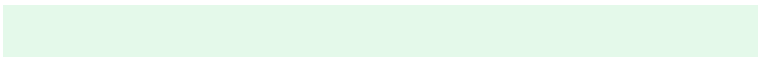
The Inverse Universe completely reimagines the original color for something new.



234.7350, 11.2320, 5.6960



237.9310, 13.6160, 6.5440



241.0110, -7.7010, -9.1170



116.2290, 6.7850, 3.6890



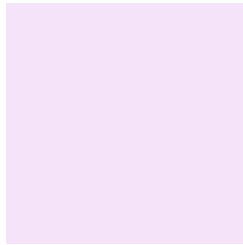
60.6150, 101.0880, 51.2640



19.6070, 32.5040, 16.6640

Previews

White Background



This preview shows how the YIQ color 235.4770, 3.3910, 10.1350 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 235.4770, 3.3910, 10.1350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

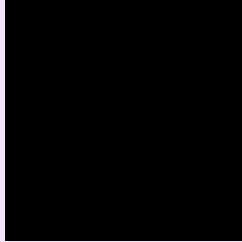
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 235.4770, 3.3910, 10.1350

Background



This preview shows how black text looks on a background with the YIQ color 235.4770, 3.3910, 10.1350.



This preview shows how white text looks on a background with the YIQ color 235.4770, 3.3910,

10.1350.

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

235.4770, 3.3910, 10.1350

Protanopia

234.1660, -6.0990, 5.9090

Deuteranopia

236.0860, 6.0500, 11.5060



Tritanopia

235.1350, 4.3540, 9.2020

Trichromacy



Original Color

235.4770, 3.3910, 10.1350

Protanomaly

234.9600, -2.5230, 7.1810

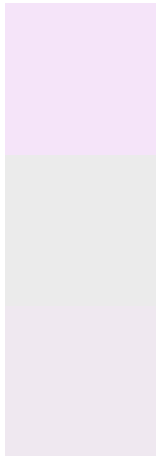
Deuteranomaly

235.7870, 5.4540, 11.2940

Tritanomaly

235.2490, 4.0330, 9.5130

Monochromacy



Original Color

235.4770, 3.3910, 10.1350

Achromatopsia

235.0000, 0.0000, -0.0000

Achromatomaly

235.0050, 1.6040, 3.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.4770, 3.3910, 10.1350 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(245, 228, 249)` looks like.

```
.text, #text, p{  
    color:rgb(245, 228, 249)  
}
```

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(245, 228, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 228, 249) }
```

Border

The CSS property to change the border of an element to YIQ 235.4770, 3.3910, 10.1350 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(245, 228, 249) }
```


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

```
.border{ border-color:rgb(245, 228, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 228, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 228, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 228, 249);  
box-shadow:4px 4px 4px 4px rgb(245, 228,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 235.4770, 3.3910, 10.1350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 228, 249) }
```

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

```
.background{ background-color: rgb(245,  
228, 249) }
```

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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