

Converting Colors

YIQ(246.9010, -4.0350, 1.5410)

Have a look what the booklet for
YIQ(246.9010, -4.0350, 1.5410)
contains.

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Color

**YIQ(246.9010, -4.0350,
1.5410)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F7FE
RGB	244, 247, 254
RGB Percent	96%, 97%, 100%
CMY	0.0431, 0.0313, 0.0039
CMYK	0.04, 0.03, 0.00, 0.00
HSL	222°, 83%, 98%
HSV	222°, 4%, 100%
XYZ	88.4577, 92.9107, 107.0327
YIQ	246.9010, -4.0350, 1.5410

Conversions

Conversions Part 2

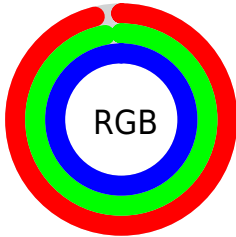
Format	Color
R_{YB}	244, 246, 254
Decimal	16054270
CIE Lab	97.19, 0.27, -3.70
CIE LCh	97, 3.713, 274.231
Yxy	92.9107, 0.3067, 0.3222
Android (android.graphics.Color)	4294244350 (0xFF4F7FE)
YUV	246.9010, 3.4998, -2.5442
Hunter-Lab	96.3902, -4.8727, 1.6369

Details

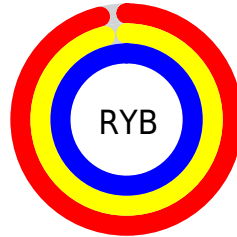
The YIQ color $246.9010, -4.0350, 1.5410$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $251.0990, 4.0350, -1.5410$, and the grayscale version is $247.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $190.7870, -3.7140, 1.2300$ is the 20% darker color. If you saturate the color by 10%, you get $228.8600, -13.9850, 5.6550$, and if you desaturate by 10%, it is $254.8860, 0.3210, -0.3110$.

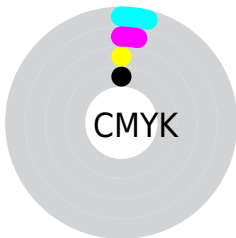
Distribution



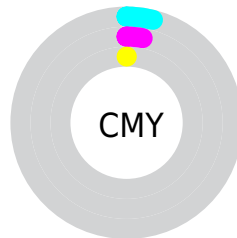
- Red (96%)
- Green (97%)
- Blue (100%)



- Red (96%)
- Yellow (96%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 246.9010, -4.0350, 1.5410 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 246.9010, -4.0350, 1.5410 by changing the saturation by 10% instead.

246.9010, -4.0350,
1.5410

246.9010, -4.0350,
1.5410

255.0000, -0.0000,
-0.0000

218.7870, -3.7140,
1.2300

190.7870, -3.7140,
1.2300

163.7870, -3.7140,
1.2300

137.2000, -3.4390,
1.7530

111.7870, -3.7140,
1.2300

87.6730, -3.3930,
0.9190

64.0860, -3.1180,

1.4420

■ 42.0860, -3.1180,
1.4420

■ 21.9720, -2.7970,
1.1310

■ 246.9010, -4.0350,
1.5410

■ 246.9010, -4.0350,
1.5410

■ 228.8600,
-13.9850, 5.6550

254.8860, 0.3210,
-0.3110

■ 210.5200,
-24.5310, 9.5570

■ 193.0660,
-34.7560, 13.1480

■ 174.7260,
-45.3020, 17.0500

■ 156.6850,
-55.2520, 21.1640

■ 138.6440,
-65.2020, 25.2780

■ 120.8910,
-76.0230, 28.6570

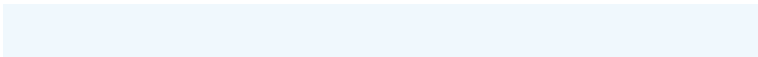
■ 102.8500,
-85.9730, 32.7710

■ 84.5100, -96.5190,
36.6730

Harmonies

Analogous

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



246.1780, -6.3730, -0.1410



246.9010, -4.0350, 1.5410



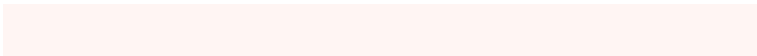
247.3960, -1.0550, 2.6010

Triad

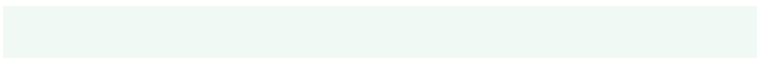
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.9010, -4.0350, 1.5410



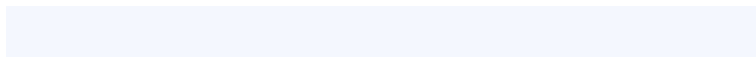
247.7620, 6.6020, 1.4980



246.0380, -3.1630, -3.2510

Complementary

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



246.9010, -4.0350, 1.5410



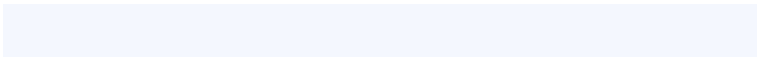
251.0990, 4.0350, -1.5410

Split Complementary

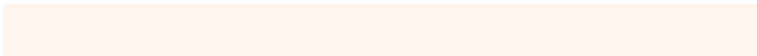
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.3050, 0.4590, -2.8130



246.9010, -4.0350, 1.5410



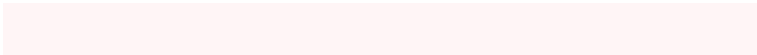
247.4090, 6.0980, -0.3820

Square

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



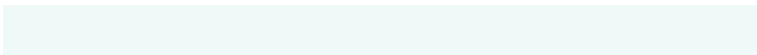
246.9010, -4.0350, 1.5410



248.1040, 5.6390, 2.4310



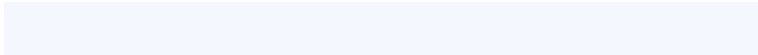
247.0990, 4.0350, -1.5410



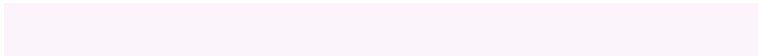
245.7820, -5.3180, -2.7420

Rectangle

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



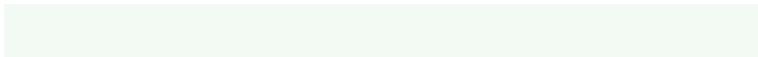
246.9010, -4.0350, 1.5410



247.4780, 1.6500, 3.1380



247.0990, 4.0350, -1.5410



246.5220, -1.6500, -3.1380

Sweetspot

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



246.9010, -4.0350, 1.5410



252.9290, -1.2380, 0.4100



250.6680, -4.9970, -3.0530



126.8150, -0.9170, 0.0990



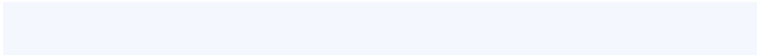
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



246.9010, -4.0350, 1.5410



245.8300, -5.2730, 1.9510



245.7380, -2.0180, 3.5340



122.0860, -3.1180, 1.4420



55.8200, -77.2610, 29.0670



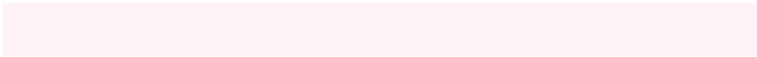
18.4490, -25.7690, 9.9670

Inverse Universe

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



247.3320, 4.9970, 3.0530



246.3430, 6.4640, 4.0000



252.2620, 2.0180, -3.5340



122.6200, 4.1260, 2.3180



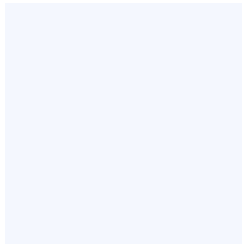
63.7210, 95.2180, 58.5300



21.3020, 32.0450, 19.4770

Previews

White Background



This preview shows how the YIQ color 246.9010, -4.0350, 1.5410 looks on a white background.

Color Contrast Check

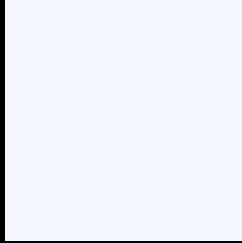
Large Text (above 18pt) WCAG AA × Fail

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 246.9010, -4.0350, 1.5410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

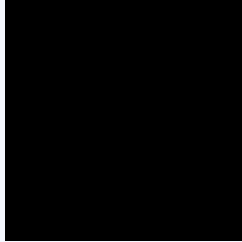
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

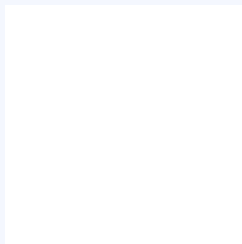
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 246.9010, -4.0350, 1.5410

Background



This preview shows how black text looks on a background with the YIQ color 246.9010, -4.0350, 1.5410.



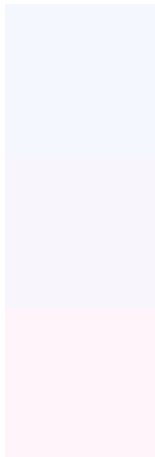
This preview shows how white text looks on a background with the YIQ color 246.9010, -4.0350, 1.5410.

1.5410.

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

246.9010, -4.0350, 1.5410

Protanopia

247.1080, -0.1840, 3.3360

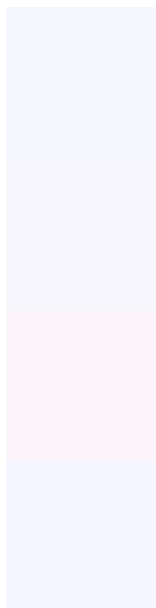
Deuteranopia

247.9730, 4.6300, 4.1980

Tritanopia

247.0260, -2.8890, 2.7990

Trichromacy



Original Color

246.9010, -4.0350, 1.5410

Protanomaly

247.0970, -1.6510, 2.3890

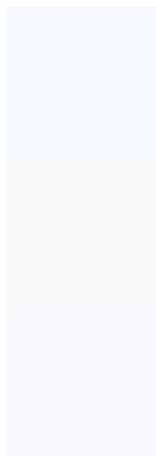
Deuteranomaly

247.4780, 1.6500, 3.1380

Tritanomaly

246.7270, -3.4850, 2.5870

Monochromacy



Original Color

246.9010, -4.0350, 1.5410

Achromatopsia

247.0000, -0.0000, -0.0000

Achromatomaly

247.0430, -1.5590, 0.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 246.9010, -4.0350, 1.5410 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, 247, 254)` looks like.

```
.text, #text, p{  
    color:rgb(244, 247, 254)  
}
```

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, 247, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 247, 254) }
```

Border

The CSS property to change the border of an element to YIQ 246.9010, -4.0350, 1.5410 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, 247, 254) }
```


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

```
.border{ border-color:rgb(244, 247, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 247, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 247, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 247, 254);  
box-shadow:4px 4px 4px 4px rgb(244, 247,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 246.9010, -4.0350, 1.5410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 247, 254) }
```

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

```
.background{ background-color: rgb(244,  
247, 254) }
```

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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