

Converting Colors

YIQ(246.5040, -10.4070,
-4.1270)

Have a look what the booklet for
YIQ(246.5040, -10.4070, -4.1270)
contains.

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Color

**YIQ(246.5040, -10.4070,
-4.1270)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EAFCFB |
| RGB | 234, 252, 251 |
| RGB Percent | 92%, 99%, 98% |
| CMY | 0.0824, 0.0117, 0.0157 |
| CMYK | 0.07, 0.00, 0.00, 0.01 |
| HSL | 177°, 75%, 95% |
| HSV | 177°, 7%, 99% |
| XYZ | 86.1518, 94.0805, 104.8769 |
| YIQ | 246.5040, -10.4070, -4.1270 |

Conversions

Conversions Part 2

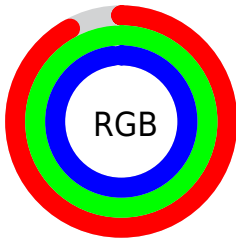
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 234, 243, 252 |
| Decimal | 15400187 |
| CIELab | 97.66, -6.04, -1.54 |
| CIElCh | 98, 6.238, 194.324 |
| Yxy | 94.0805, 0.3022, 0.3300 |
| Android (android.graphics.Color) | 4293590267 (0xFFEAFCFB) |
| YUV | 246.5040, 2.2165, -10.9660 |
| Hunter-Lab | 96.9951, -11.1964, 3.7887 |

Details

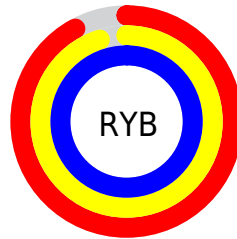
The YIQ color $246.5040, -10.4070, -4.1270$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $239.4960, 10.4070, 4.1270$, and the grayscale version is $246.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $189.9170, -10.1320, -3.6040$ is the 20% darker color. If you saturate the color by 10%, you get $238.9150, -24.9860, -9.7380$, and if you desaturate by 10%, it is $252.8970, 1.7880, 0.6360$.

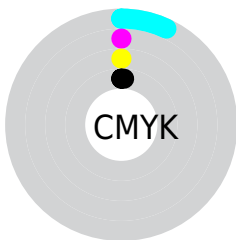
Distribution



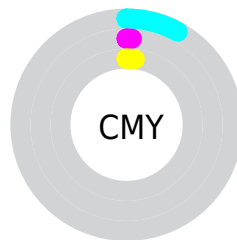
- Red (92%)
- Green (99%)
- Blue (98%)



- Red (92%)
- Yellow (95%)
- Blue (99%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



- Cyan (8%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 246.5040, -10.4070, -4.1270 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 246.5040, -10.4070, -4.1270 by changing the saturation by 10% instead.

246.5040,
-10.4070, -4.1270

246.5040,
-10.4070, -4.1270

255.0000, -0.0000,
-0.0000

217.8030, -9.8110,
-3.9150

189.9170,
-10.1320, -3.6040

162.8030, -9.8110,
-3.9150

136.8030, -9.8110,
-3.9150

111.1020, -9.2150,
-3.7030

87.1020, -9.2150,
-3.7030

63.4010, -8.6190,

-3.4910

■ 41.7000, -8.0230,
-3.2790

■ 20.5150, -8.9400,
-3.1800

■ 246.5040,
-10.4070, -4.1270

■ 246.5040,
-10.4070, -4.1270

■ 238.9150,
-24.9860, -9.7380

■ 252.8970, 1.7880,
0.6360

■ 231.2120,
-39.2440, -15.6600

■ 253.1250, 1.1460,
1.2580

■ 223.3240,
-54.4190, -21.4830

■ 253.2390, 0.8250,
1.5690

■ 215.6210,
-68.6770, -27.4050

■ 208.0320,
-83.2560, -33.0160

■ 200.3290,
-97.5140, -38.9380

■ 192.7400,
-112.0930, -44.5490

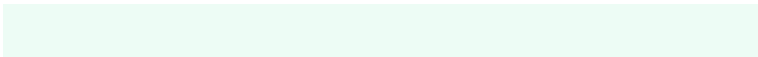
■ 184.8520,
-127.2680, -50.3720

■ 177.1490,
-141.5260, -56.2940

Harmonies

Analogous

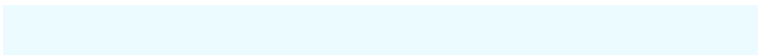
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246.7170, -6.6930, -5.3570



246.5040, -10.4070, -4.1270



246.6720, -10.8200, -2.1480

Triad

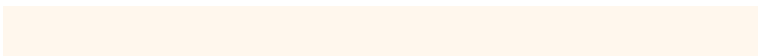
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.5040, -10.4070, -4.1270



249.1190, 1.2830, 4.2830



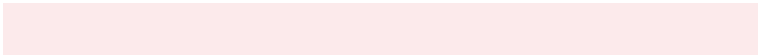
248.2520, 7.9780, -1.4140

Complementary

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



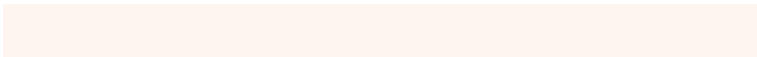
246.5040, -10.4070, -4.1270



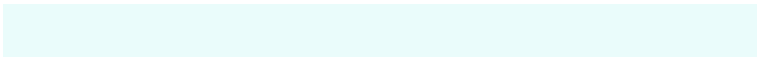
239.4960, 10.4070, 4.1270

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.



247.4200, 7.5650, 0.5650



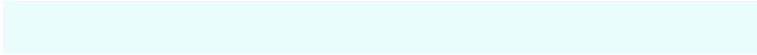
246.5040, -10.4070, -4.1270



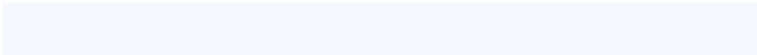
248.7880, 3.7130, 4.2970

Square

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



246.5040, -10.4070, -4.1270



248.2000, -3.4390, 1.7530



247.4030, 6.2350, 2.6430



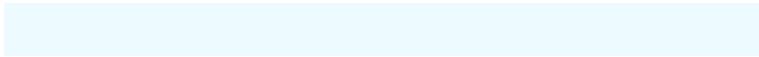
247.9310, 4.4480, -3.5200

Rectangle

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



246.5040, -10.4070, -4.1270



246.6830, -9.3530, -1.2010



247.4030, 6.2350, 2.6430



247.7790, 7.9320, -0.5800

Sweetspot

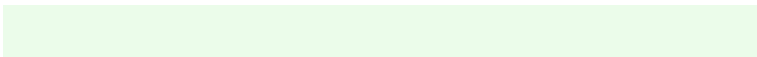
The Sweet Spot groups the original color and five complimentary colors.



246.5040, -10.4070, -4.1270



253.5050, -2.9800, -1.0600



244.8650, -4.3540, -9.2020



126.9890, -1.4670, -0.9470



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

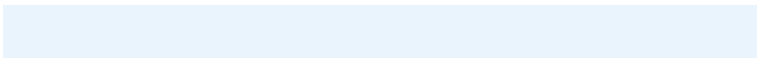
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246.5040, -10.4070, -4.1270



248.0090, -13.3870, -5.1870



241.9220, -8.5280, 0.3680



120.9990, -7.4270, -3.0670



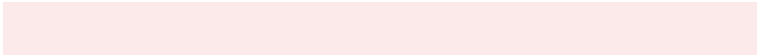
131.2350, -109.1130, -43.4890



42.4190, -35.3930, -13.8650

Inverse Universe

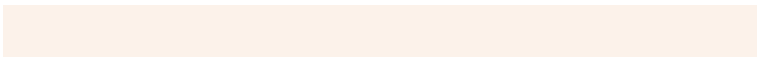
The Inverse Universe completely reimagines the original color for something new.



239.4960, 10.4070, 4.1270



238.9910, 13.3870, 5.1870



244.0780, 8.5280, -0.3680



116.0010, 7.4270, 3.0670



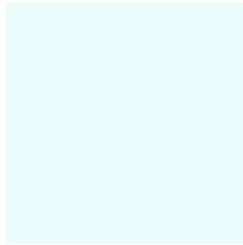
57.7650, 109.1130, 43.4890



18.5810, 35.3930, 13.8650

Previews

White Background



This preview shows how the YIQ color 246.5040, -10.4070, -4.1270 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 246.5040, -10.4070, -4.1270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

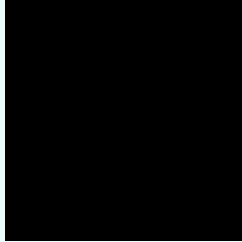
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 246.5040, -10.4070, -4.1270

Background



This preview shows how black text looks on a background with the YIQ color 246.5040, -10.4070, -4.1270.



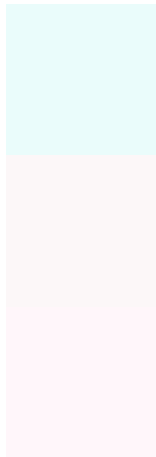
This preview shows how white text looks on a background with the YIQ color 246.5040, -10.4070, -4.1270.

-4.170.

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

246.5040, -10.4070, -4.1270

Protanopia

248.6090, 2.6590, 1.3710

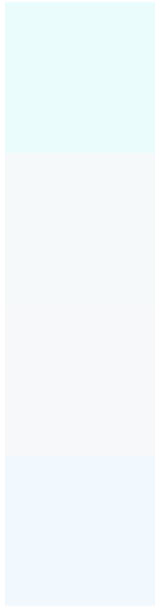
Deuteranopia

249.1470, 4.0800, 3.1520

Tritanopia

247.9010, -4.0350, 1.5410

Trichromacy



Original Color

246.5040, -10.4070, -4.1270

Protanomaly

247.8040, -2.3840, -0.8480

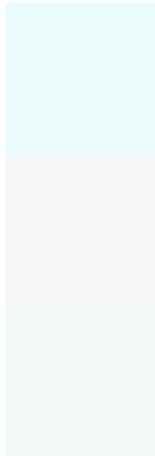
Deuteranomaly

247.9290, -1.2380, 0.4100

Tritanomaly

247.1780, -6.3730, -0.1410

Monochromacy



Original Color

246.5040, -10.4070, -4.1270

Achromatopsia

247.0000, -0.0000, -0.0000

Achromatomaly

246.7930, -3.8510, -1.7950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 246.5040, -10.4070, -4.1270 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(234, 252, 251)` looks like.

```
.text, #text, p{  
    color:rgb(234, 252, 251)  
}
```

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(234, 252, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 252, 251) }
```

Border

The CSS property to change the border of an element to YIQ 246.5040, -10.4070, -4.1270 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(234, 252, 251) }
```


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

```
.border{ border-color:rgb(234, 252, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 252, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 252, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 252, 251);  
box-shadow:4px 4px 4px 4px rgb(234, 252,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 246.5040, -10.4070, -4.1270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 252, 251) }
```

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

```
.background{ background-color: rgb(234,  
252, 251) }
```

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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