

Converting Colors

YIQ(243.7170, 2.4750, 4.7070)

Have a look what the booklet for
YIQ(243.7170, 2.4750, 4.7070)
contains.

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Color

**YIQ(243.7170, 2.4750,
4.7070)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F0F9
RGB	249, 240, 249
RGB Percent	98%, 94%, 98%
CMY	0.0235, 0.0588, 0.0235
CMYK	0.00, 0.04, 0.00, 0.02
HSL	300°, 43%, 96%
HSV	300°, 4%, 98%
XYZ	87.3274, 89.2986, 102.2568
YIQ	243.7170, 2.4750, 4.7070

Conversions

Conversions Part 2

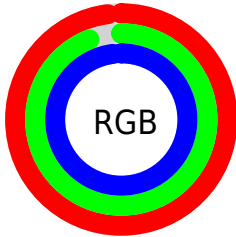
Format	Color
R _{YB}	249, 240, 249
Decimal	16380153
CIE _{Lab}	95.71, 4.59, -3.26
CIE _{LCh}	96, 5.633, 324.606
Yxy	89.2986, 0.3131, 0.3202
Android (android.graphics.Color)	4294570233 (0xFF9F0F9)
YUV	243.7170, 2.6045, 4.6332
Hunter-Lab	94.4979, -0.4160, 1.9904

Details

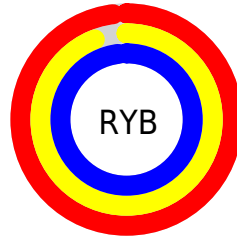
The YIQ color $243.7170, 2.4750, 4.7070$ is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be $245.2830, -2.4750, -4.7070$, and the grayscale version is $244.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $187.7170, 2.4750, 4.7070$ is the 20% darker color. If you saturate the color by 10%, you get $229.0420, 9.3500, 17.7820$, and if you desaturate by 10%, it is $252.5220, -1.6500, -3.1380$.

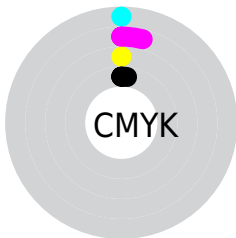
Distribution



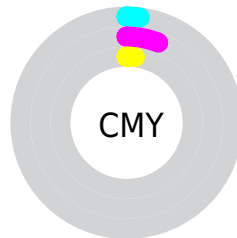
- Red (98%)
- Green (94%)
- Blue (98%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the YIQ color 243.7170, 2.4750, 4.7070 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 243.7170, 2.4750, 4.7070 by changing the saturation by 10% instead.

 243.7170, 2.4750,
4.7070


 243.7170, 2.4750,
4.7070

255.0000, -0.0000,
-0.0000


 215.3040, 2.2000,
4.1840

 187.7170, 2.4750,
4.7070

 160.3040, 2.2000,
4.1840

 134.3040, 2.2000,
4.1840

 109.3040, 2.2000,
4.1840

 84.8910, 1.9250,
3.6610

 61.8910, 1.9250,

3.6610

■ 39.8910, 1.9250,
3.6610

■ 18.8910, 1.9250,
3.6610

■ 243.7170, 2.4750,
4.7070

■ 243.7170, 2.4750,
4.7070

■ 229.0420, 9.3500,
17.7820

■ 252.5220, -1.6500,
-3.1380

■ 214.3670, 16.2250,
30.8570

■ 199.6920, 23.1000,
43.9320

■ 185.0170, 29.9750,
57.0070

■ 170.3420, 36.8500,
70.0820

■ 156.2540, 43.4500,
82.6340

■ 141.5790, 50.3250,
95.7090

■ 126.9040, 57.2000,
108.7840

■ 112.2290, 64.0750,
121.8590

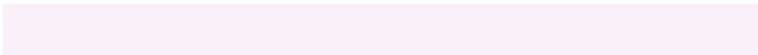
Harmonies

Analogous

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



243.4390, -2.6140, 3.3220



243.7170, 2.4750, 4.7070



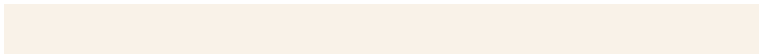
243.7560, 6.7390, 4.5230

Triad

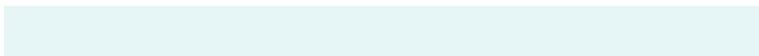
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243.7170, 2.4750, 4.7070



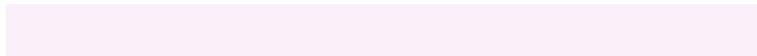
242.9530, 7.3820, -1.6260



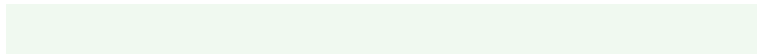
241.3300, -9.8570, -3.0810

Complementary

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



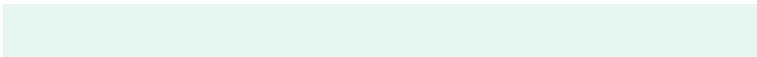
243.7170, 2.4750, 4.7070



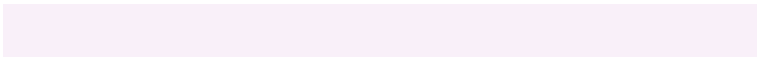
245.2830, -2.4750, -4.7070

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.



240.9450, -7.3350, -4.7350



243.7170, 2.4750, 4.7070



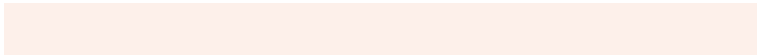
242.1480, 2.3390, -3.8450

Square

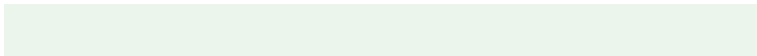
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



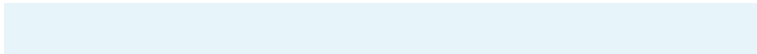
243.7170, 2.4750, 4.7070



243.2030, 9.6740, 0.8900



241.2830, -2.4750, -4.7070



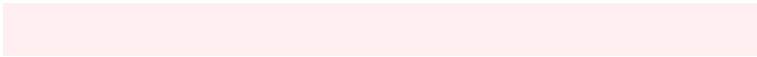
241.4980, -10.2700, -1.1020

Rectangle

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



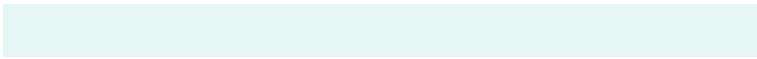
243.7170, 2.4750, 4.7070



243.8980, 9.2150, 3.7030



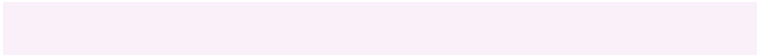
241.2830, -2.4750, -4.7070



241.1020, -9.2150, -3.7030

Sweetspot

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



243.7170, 2.4750, 4.7070



253.2390, 0.8250, 1.5690



241.0260, -2.8890, 2.7990



126.7120, 0.8710, 0.7350



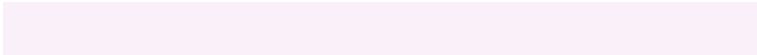
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

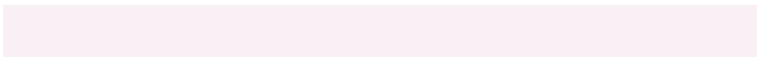
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.7170, 2.4750, 4.7070



249.1300, 2.7500, 5.2300



243.2610, 3.7590, 3.4630



121.4780, 1.6500, 3.1380



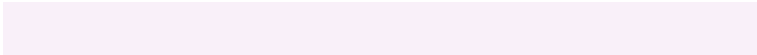
78.0570, 51.9750, 98.8470



25.1930, 16.7750, 31.9030

Inverse Universe

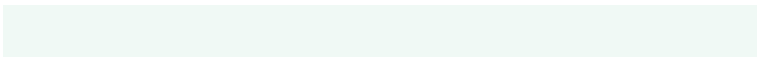
The Inverse Universe completely reimagines the original color for something new.



243.7170, 2.4750, 4.7070



249.1300, 2.7500, 5.2300



245.8530, -4.0800, -3.1520



121.4780, 1.6500, 3.1380



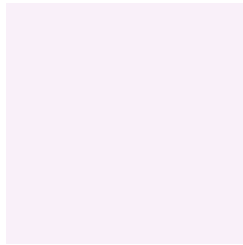
78.0570, 51.9750, 98.8470



25.1930, 16.7750, 31.9030

Previews

White Background



This preview shows how the YIQ color 243.7170, 2.4750, 4.7070 looks on a white background.

Color Contrast Check

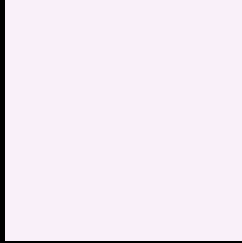
Large Text (above 18pt) WCAG AA × Fail

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 243.7170, 2.4750, 4.7070 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

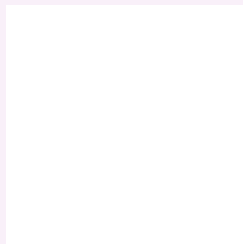
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 243.7170, 2.4750, 4.7070

Background



This preview shows how black text looks on a background with the YIQ color 243.7170, 2.4750, 4.7070.



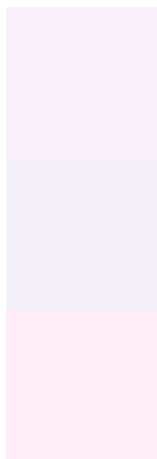
This preview shows how white text looks on a background with the YIQ color 243.7170, 2.4750,

4.7070.

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

243.7170, 2.4750, 4.7070

Protanopia

243.2220, -0.5050, 3.6470

Deuteranopia

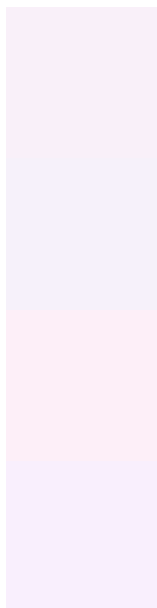
244.1090, 7.2430, 6.4030



Tritanopia

243.8140, 0.8240, 7.0960

Trichromacy



Original Color

243.7170, 2.4750, 4.7070

Protanomaly

243.5210, 0.0910, 3.8590

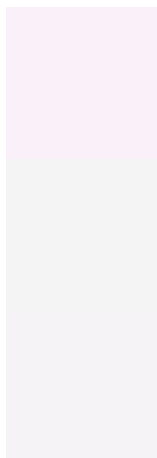
Deuteranomaly

244.2120, 5.4550, 5.7670

Tritanomaly

243.5860, 1.4660, 6.4740

Monochromacy



Original Color

243.7170, 2.4750, 4.7070

Achromatopsia

244.0000, 0.0000, -0.0000

Achromatomaly

244.2390, 0.8250, 1.5690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 243.7170, 2.4750, 4.7070 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(249, 240, 249)` looks like.

```
.text, #text, p{  
    color:rgb(249, 240, 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(249, 240, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 240, 249) }
```

Border

The CSS property to change the border of an element to YIQ 243.7170, 2.4750, 4.7070 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(249, 240, 249) }
```


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

```
.border{ border-color:rgb(249, 240, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 240, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 240, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 240, 249);  
box-shadow:4px 4px 4px 4px rgb(249, 240,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 243.7170, 2.4750, 4.7070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 240, 249) }
```

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

```
.background{ background-color: rgb(249,  
240, 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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