

Converting Colors

YIQ(236.4340, 4.9500, 9.4140)

Have a look what the booklet for
YIQ(236.4340, 4.9500, 9.4140)
contains.

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Color

**YIQ(236.4340, 4.9500,
9.4140)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E5F7
RGB	247, 229, 247
RGB Percent	97%, 90%, 97%
CMY	0.0313, 0.1020, 0.0314
CMYK	0.00, 0.07, 0.00, 0.03
HSL	300°, 53%, 93%
HSV	300°, 7%, 97%
XYZ	83.1686, 82.5266, 99.5426
YIQ	236.4340, 4.9500, 9.4140

Conversions

Conversions Part 2

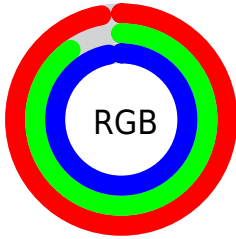
Format	Color
R_{YB}	247, 229, 247
Decimal	16246263
CIE _{Lab}	92.81, 9.24, -6.51
CIE _{LCh}	93, 11.306, 324.836
Yxy	82.5266, 0.3136, 0.3111
Android (android.graphics.Color)	4294436343 (0xFF7E5F7)
YUV	236.4340, 5.2090, 9.2664
Hunter-Lab	90.8442, 4.4410, -1.3762

Details

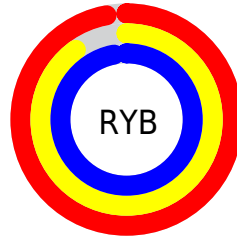
The YIQ color $236.4340, 4.9500, 9.4140$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $239.5660, -4.9500, -9.4140$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $181.0210, 4.6750, 8.8910$ is the 20% darker color. If you saturate the color by 10%, you get $221.7590, 11.8250, 22.4890$, and if you desaturate by 10%, it is $251.1090, -1.9250, -3.6610$.

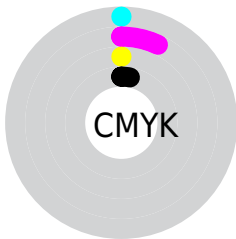
Distribution



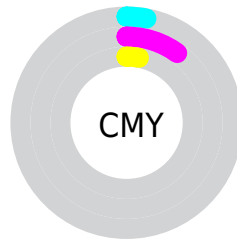
- Red (97%)
- Green (90%)
- Blue (97%)



- Red (97%)
- Yellow (90%)
- Blue (97%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (3%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 236.4340, 4.9500, 9.4140 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 236.4340, 4.9500, 9.4140 by changing the saturation by 10% instead.


 236.4340, 4.9500,
9.4140

 236.4340, 4.9500,
9.4140


255.0000, -0.0000,
-0.0000


 208.1350, 4.3540,
9.2020

 181.0210, 4.6750,
8.8910

 154.0210, 4.6750,
8.8910

 127.6080, 4.4000,
8.3680

 102.6080, 4.4000,
8.3680

 78.8960, 3.5290,
7.6330

 55.7820, 3.8500,

7.3220

■ 34.3690, 3.5750,
6.7990

■ 11.4340, 4.9500,
9.4140

■ 236.4340, 4.9500,
9.4140

■ 236.4340, 4.9500,
9.4140

■ 221.7590, 11.8250,
22.4890

■ 251.1090, -1.9250,
-3.6610

■ 207.6710, 18.4250,
35.0410

■ 251.6960, -2.2000,
-4.1840

■ 192.9960, 25.3000,
48.1160

■ 178.3210, 32.1750,
61.1910

■ 163.6460, 39.0500,
74.2660

■ 149.5580, 45.6500,
86.8180

■ 134.8830, 52.5250,
99.8930

■ 120.2080, 59.4000,
112.9680

■ 106.1200, 66.0000,
125.5200

Harmonies

Analogous

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



235.1060, -5.8700, 7.2660



236.4340, 4.9500, 9.4140



236.5120, 13.4780, 9.0460

Triad

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



236.4340, 4.9500, 9.4140



234.6070, 14.1680, -3.4640



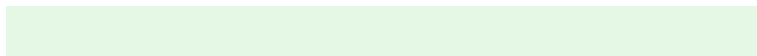
231.0620, -20.9060, -6.5860

Complementary

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



236.4340, 4.9500, 9.4140



239.5660, -4.9500, -9.4140

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.



231.0040, -14.9910, -9.1590



236.4340, 4.9500, 9.4140



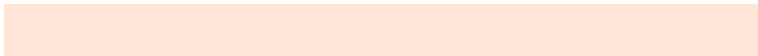
232.7090, 4.9530, -7.1670

Square

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



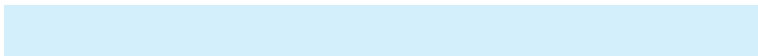
236.4340, 4.9500, 9.4140



235.9930, 19.0730, 1.2570



231.6800, -5.2710, -9.1030



232.1100, -20.8610, -1.8930

Rectangle

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



236.4340, 4.9500, 9.4140



235.6000, 16.0460, 6.5580



231.6800, -5.2710, -9.1030



230.9050, -19.0260, -7.6180

Sweetspot

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



236.4340, 4.9500, 9.4140



252.0650, 1.3750, 2.6150



231.0520, -5.7780, 5.5980



126.1250, 1.1460, 1.2580



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.



236.4340, 4.9500, 9.4140



241.4990, 6.3250, 12.0290



235.4080, 7.8390, 6.6150



114.9560, 3.3000, 6.2760



76.8180, 51.1500, 97.2780



24.3670, 16.2250, 30.8570

Inverse Universe

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



236.4340, 4.9500, 9.4140



241.4990, 6.3250, 12.0290



240.5920, -7.8390, -6.6150



114.9560, 3.3000, 6.2760



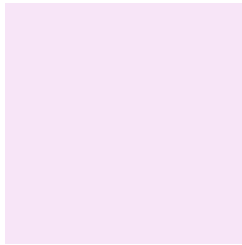
76.8180, 51.1500, 97.2780



24.3670, 16.2250, 30.8570

Previews

White Background



This preview shows how the YIQ color 236.4340, 4.9500, 9.4140 looks on a white background.

Color Contrast Check

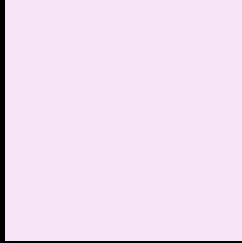
Large Text (above 18pt) WCAG AA × Fail

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 236.4340, 4.9500, 9.4140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

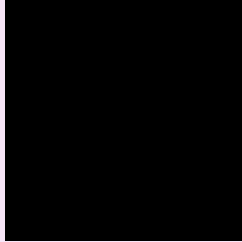
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

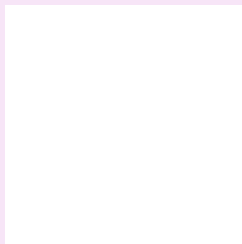
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 236.4340, 4.9500, 9.4140

Background



This preview shows how black text looks on a background with the YIQ color 236.4340, 4.9500, 9.4140.



This preview shows how white text looks on a background with the YIQ color 236.4340, 4.9500,

9.4140.

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

236.4340, 4.9500, 9.4140

Protanopia

235.1230, -4.5400, 5.1880

Deuteranopia

236.4560, 7.8840, 11.3080



Tritanopia

236.4340, 4.9500, 9.4140

Trichromacy



Original Color

236.4340, 4.9500, 9.4140

Protanomaly

235.9170, -0.9640, 6.4600

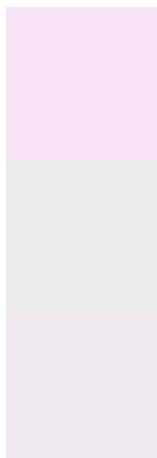
Deuteranomaly

236.7440, 7.0130, 10.5730

Tritanomaly

236.4340, 4.9500, 9.4140

Monochromacy



Original Color

236.4340, 4.9500, 9.4140

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

235.8910, 1.9250, 3.6610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.4340, 4.9500, 9.4140 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(247, 229, 247)` looks like.

```
.text, #text, p{  
    color:rgb(247, 229, 247)  
}
```

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(247, 229, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 229, 247) }
```

Border

The CSS property to change the border of an element to YIQ 236.4340, 4.9500, 9.4140 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(247, 229, 247) }
```


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

```
.border{ border-color:rgb(247, 229, 247) }
```

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

Here you see how a box with a 4 pixel rgb(247, 229, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 229, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 229, 247);  
box-shadow:4px 4px 4px 4px rgb(247, 229,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 236.4340, 4.9500, 9.4140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 229, 247) }
```

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

```
.background{ background-color: rgb(247,  
229, 247) }
```

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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