

Converting Colors

YIQ(233.1910, 9.9480, 6.9400)

Have a look what the booklet for
YIQ(233.1910, 9.9480, 6.9400)
contains.

YIQ(233.1910, 9.9480, 6.9400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(233.1910, 9.9480,
6.9400)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E2EA
RGB	247, 226, 234
RGB Percent	97%, 89%, 92%
CMY	0.0313, 0.1137, 0.0823
CMYK	0.00, 0.09, 0.05, 0.03
HSL	337°, 57%, 93%
HSV	337°, 9%, 97%
XYZ	80.4092, 80.1056, 89.0722
YIQ	233.1910, 9.9480, 6.9400

Conversions

Conversions Part 2

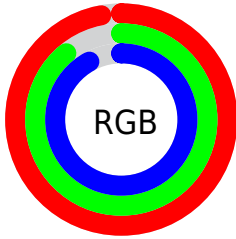
Format	Color
R _Y B	247, 226, 234
Decimal	16245482
CIE Lab	91.73, 8.53, -1.30
CIE LCh	92, 8.625, 351.300
Yxy	80.1056, 0.3222, 0.3210
Android (android.graphics.Color)	4294435562 (0xFF7E2EA)
YUV	233.1910, 0.3988, 12.1105
Hunter-Lab	89.5017, 3.7380, 3.6458

Details

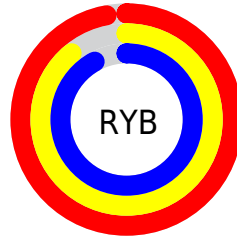
The YIQ color $233.1910, 9.9480, 6.9400$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $239.8090, -9.9480, -6.9400$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $177.7780, 9.6730, 6.4170$ is the 20% darker color. If you saturate the color by 10%, you get $216.8060, 21.6380, 15.3500$, and if you desaturate by 10%, it is $249.5760, -1.7420, -1.4700$.

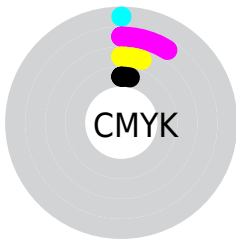
Distribution



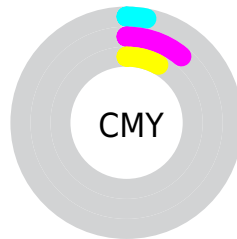
- Red (97%)
- Green (89%)
- Blue (92%)



- Red (97%)
- Yellow (89%)
- Blue (92%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (3%)



- Cyan (3%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 233.1910, 9.9480, 6.9400 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 233.1910, 9.9480, 6.9400 by changing the saturation by 10% instead.

233.1910, 9.9480,
6.9400

233.1910, 9.9480,
6.9400

255.0000, -0.0000,
-0.0000

204.8920, 9.3520,
6.7280

177.7780, 9.6730,
6.4170

150.5930, 8.7560,
6.5160

125.1800, 8.4810,
5.9930

100.1800, 8.4810,
5.9930

75.8810, 7.8850,
5.7810

53.4680, 7.6100,

5.2580

■ 32.1690, 7.0140,
5.0460

■ 7.7180, 9.9020,
7.7740

■ 233.1910, 9.9480,
6.9400

■ 233.1910, 9.9480,
6.9400

■ 216.8060, 21.6380,
15.3500

■ 249.5760, -1.7420,
-1.4700

■ 200.8940, 33.3740,
22.9260

■ 252.6080, -4.7680,
-1.6960

■ 184.5090, 45.0640,
31.3360

■ 168.1240, 56.7540,
39.7460

■ 151.7390, 68.4440,
48.1560

■ 135.8270, 80.1800,
55.7320

■ 119.4420, 91.8700,
64.1420

■ 103.0570,
103.5600, 72.5520

■ 87.1450, 115.2960,
80.1280

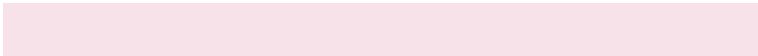
Harmonies

Analogous

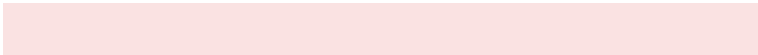
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.5970, 2.9330, 7.4210



233.1910, 9.9480, 6.9400



233.1760, 14.3040, 5.0880

Triad

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



233.1910, 9.9480, 6.9400



230.7630, 4.8610, -5.4990



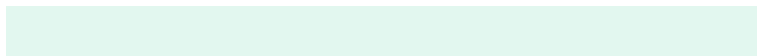
229.4480, -16.0010, -1.8650

Complementary

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



233.1910, 9.9480, 6.9400



239.8090, -9.9480, -6.9400

Split Complementary

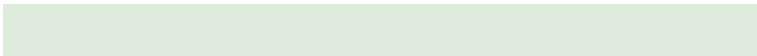
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.6390, -15.2210, -4.9890



233.1910, 9.9480, 6.9400



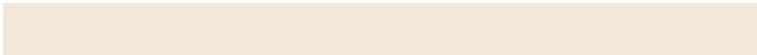
229.5170, -3.2540, -7.1100

Square

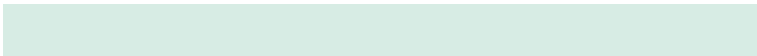
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.1910, 9.9480, 6.9400



231.5790, 11.3710, -2.3330



228.8090, -9.9480, -6.9400



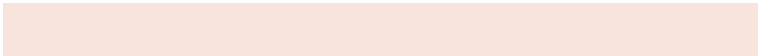
230.7090, -12.2420, 1.5980

Rectangle

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



233.1910, 9.9480, 6.9400



232.8940, 15.0380, 2.7980



228.8090, -9.9480, -6.9400



229.5080, -16.2300, -3.2220

Sweetspot

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



233.1910, 9.9480, 6.9400



249.7340, 3.8050, 2.6290



232.2810, 1.0070, 9.2870



124.0220, 2.9340, 1.8940



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

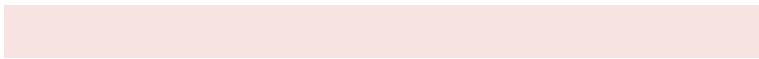
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.1910, 9.9480, 6.9400



238.5010, 12.0110, 8.0990



233.4530, 11.9660, 3.4060



114.1580, 5.5470, 4.0990



63.7080, 88.0650, 61.5130



20.1490, 28.1020, 19.3500

Inverse Universe

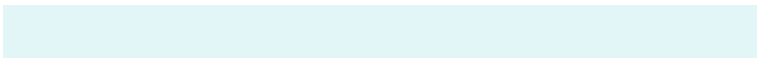
The Inverse Universe completely reimagines the original color for something new.



233.1910, 9.9480, 6.9400



238.5010, 12.0110, 8.0990



239.5470, -11.9660, -3.4060



114.1580, 5.5470, 4.0990



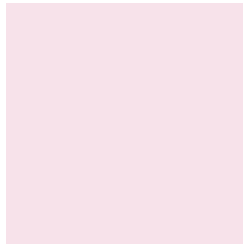
63.7080, 88.0650, 61.5130



20.1490, 28.1020, 19.3500

Previews

White Background



This preview shows how the YIQ color 233.1910, 9.9480, 6.9400 looks on a white background.

Color Contrast Check

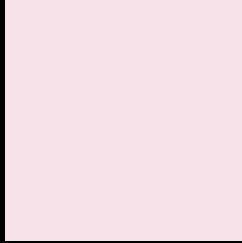
Large Text (above 18pt) WCAG AA × Fail

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 233.1910, 9.9480, 6.9400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

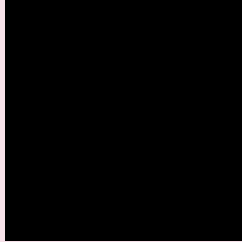
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 233.1910, 9.9480, 6.9400

Background



This preview shows how black text looks on a background with the YIQ color 233.1910, 9.9480, 6.9400.



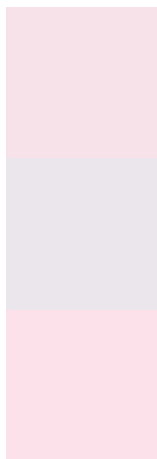
This preview shows how white text looks on a background with the YIQ color 233.1910, 9.9480,

6.9400.

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

233.1910, 9.9480, 6.9400

Protanopia

231.8800, 0.4580, 2.7140

Deuteranopia

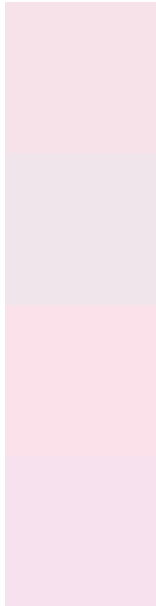
233.5120, 13.4780, 9.0460



Tritanopia

233.8150, 8.2510, 10.1630

Trichromacy



Original Color

233.1910, 9.9480, 6.9400

Protanomaly

232.6740, 4.0340, 3.9860

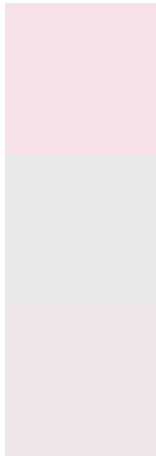
Deuteranomaly

233.5010, 12.0110, 8.0990

Tritanomaly

233.4730, 9.2140, 9.2300

Monochromacy



Original Color

233.1910, 9.9480, 6.9400

Achromatopsia

233.0000, -0.0000, -0.0000

Achromatomaly

232.7340, 3.8050, 2.6290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 233.1910, 9.9480, 6.9400 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, 226, 234)` looks like.

```
.text, #text, p{  
    color:rgb(247, 226, 234)  
}
```

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, 226, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 226, 234) }
```

Border

The CSS property to change the border of an element to YIQ 233.1910, 9.9480, 6.9400 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, 226, 234) }
```


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

```
.border{ border-color:rgb(247, 226, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 226, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 226, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 226, 234);  
box-shadow:4px 4px 4px 4px rgb(247, 226,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 233.1910, 9.9480, 6.9400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 226, 234) }
```

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

```
.background{ background-color: rgb(247,  
226, 234) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor