

Converting Colors

YIQ(235.2240, 14.3490, 9.7810)

Have a look what the booklet for
YIQ(235.2240, 14.3490, 9.7810)
contains.

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Color

**YIQ(235.2240, 14.3490,
9.7810)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1EC
RGB	255, 225, 236
RGB Percent	100%, 88%, 93%
CMY	0.0000, 0.1177, 0.0745
CMYK	0.00, 0.12, 0.07, 0.00
HSL	338°, 100%, 94%
HSV	338°, 12%, 100%
XYZ	83.3039, 81.1605, 90.6412
YIQ	235.2240, 14.3490, 9.7810

Conversions

Conversions Part 2

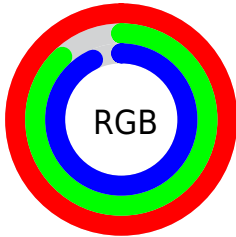
Format	Color
RYB	255, 225, 236
Decimal	16769516
CIELab	92.20, 12.10, -1.58
CIELCh	92, 12.208, 352.541
Yxy	81.1605, 0.3265, 0.3181
Android (android.graphics.Color)	4294959596 (0xFFFFE1EC)
YUV	235.2240, 0.3826, 17.3436
Hunter-Lab	90.0891, 7.4001, 3.4090

Details

The YIQ color $235.2240, 14.3490, 9.7810$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $244.7760, -14.3490, -9.7810$, and the grayscale version is $235.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $179.5120, 13.4780, 9.0460$ is the 20% darker color. If you saturate the color by 10%, you get $218.1380, 26.6350, 18.4030$, and if you desaturate by 10%, it is $251.7230, 2.3380, 1.6820$.

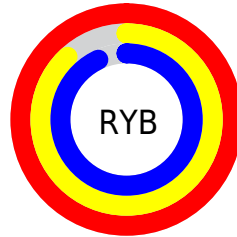
Distribution



Red (100%)

Green (88%)

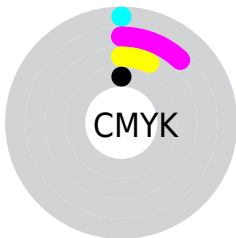
Blue (93%)



Red (100%)

Yellow (88%)

Blue (93%)

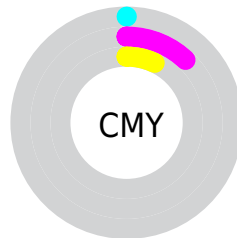


Cyan (0%)

Magenta (12%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (12%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 235.2240, 14.3490, 9.7810 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 235.2240, 14.3490, 9.7810 by changing the saturation by 10% instead.


 235.2240, 14.3490,
9.7810


 235.2240, 14.3490,
9.7810


255.0000, -0.0000,
-0.0000


 206.9250, 13.7530,
9.5690

 179.5120, 13.4780,
9.0460

 152.5120, 13.4780,
9.0460

 126.9140, 12.2860,
8.6220

 101.6150, 11.6900,
8.4100

 77.3160, 11.0940,
8.1980

 54.9030, 10.8190,

7.6750

■ 33.1910, 9.9480,
6.9400

■ 9.7400, 12.8360,
9.6680

■ 235.2240, 14.3490,
9.7810

■ 235.2240, 14.3490,
9.7810

■ 218.1380, 26.6350,
18.4030

■ 251.7230, 2.3380,
1.6820

■ 201.6390, 38.6460,
26.5020

255.0000, -0.0000,
-0.0000

■ 184.5530, 50.9320,
35.1240

■ 167.9400, 63.2640,
42.9120

■ 150.8540, 75.5500,
51.5340

■ 134.3550, 87.5610,
59.6330

■ 117.2690, 99.8470,
68.2550

■ 100.7700,
111.8580, 76.3540

■ 86.9610, 121.8060,
83.2940

Harmonies

Analogous

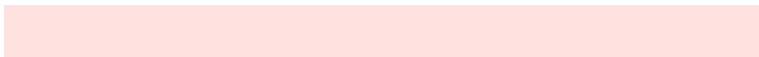
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.6620, 4.3080, 10.0360



235.2240, 14.3490, 9.7810



233.8560, 18.2010, 6.0490

Triad

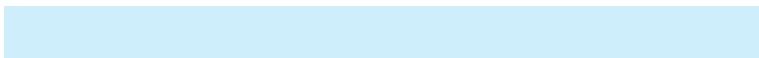
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.2240, 14.3490, 9.7810



231.6660, 6.5120, -7.8880



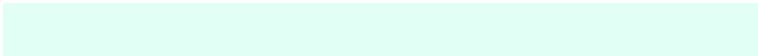
230.2130, -22.6490, -2.5290

Complementary

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



235.2240, 14.3490, 9.7810



244.7760, -14.3490, -9.7810

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.



229.3500, -21.7770, -7.3210



235.2240, 14.3490, 9.7810



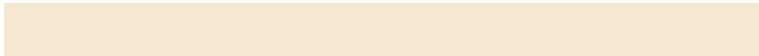
230.0390, -4.9040, -10.2480

Square

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



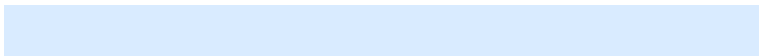
235.2240, 14.3490, 9.7810



233.0910, 15.6810, -3.3510



229.1780, -15.5410, -10.2050



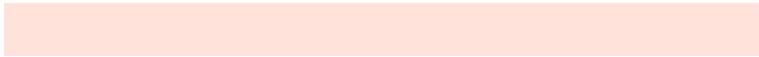
231.8980, -17.1480, 2.4040

Rectangle

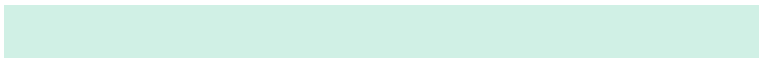
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



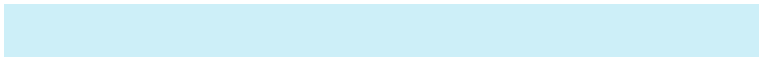
235.2240, 14.3490, 9.7810



233.6450, 20.1730, 3.3490



229.1780, -15.5410, -10.2050



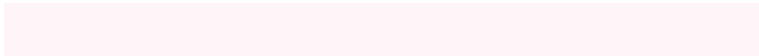
229.8600, -23.1530, -4.4090

Sweetspot

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



235.2240, 14.3490, 9.7810



248.4460, 4.6760, 3.3640



233.8020, 1.0980, 13.1460



123.3210, 3.5300, 2.1060



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

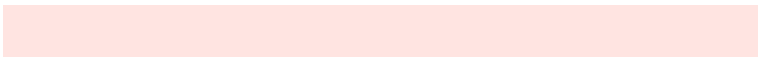
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.2240, 14.3490, 9.7810



231.2460, 17.2830, 11.6750



235.7310, 17.0550, 4.7910



119.3430, 6.4640, 4.0000



65.0890, 91.3660, 62.2620



21.7580, 30.7610, 20.7210

Inverse Universe

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



235.2240, 14.3490, 9.7810



231.2460, 17.2830, 11.6750



243.6820, -16.7800, -4.2680



119.3430, 6.4640, 4.0000



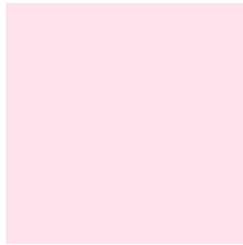
65.0890, 91.3660, 62.2620



21.7580, 30.7610, 20.7210

Previews

White Background



This preview shows how the YIQ color 235.2240, 14.3490, 9.7810 looks on a white background.

Color Contrast Check

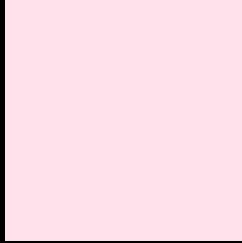
Large Text (above 18pt) WCAG AA × Fail

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 235.2240, 14.3490, 9.7810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

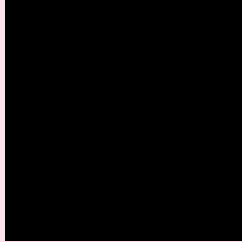
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 235.2240, 14.3490, 9.7810

Background



This preview shows how black text looks on a background with the YIQ color 235.2240, 14.3490, 9.7810.



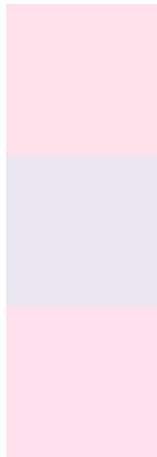
This preview shows how white text looks on a background with the YIQ color 235.2240, 14.3490,

9.7810.

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

235.2240, 14.3490, 9.7810

Protanopia

233.2220, -0.5050, 3.6470

Deuteranopia

234.9250, 13.7530, 9.5690



Tritanopia

235.2070, 13.0190, 11.8590

Trichromacy



Original Color

235.2240, 14.3490, 9.7810

Protanomaly

234.0270, 4.5380, 5.8660

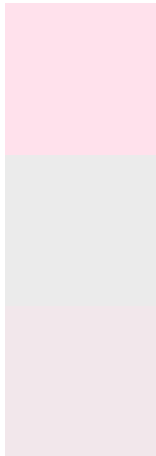
Deuteranomaly

234.9250, 13.7530, 9.5690

Tritanomaly

234.9790, 13.6610, 11.2370

Monochromacy



Original Color

235.2240, 14.3490, 9.7810

Achromatopsia

235.0000, 0.0000, -0.0000

Achromatomaly

234.7450, 5.2720, 3.5760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.2240, 14.3490, 9.7810 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(255, 225, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 236)  
}
```

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(255, 225, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 236) }
```

Border

The CSS property to change the border of an element to YIQ 235.2240, 14.3490, 9.7810 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(255, 225, 236) }
```


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

```
.border{ border-color:rgb(255, 225, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 235.2240, 14.3490, 9.7810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 236) }
```

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

```
.background{ background-color: rgb(255,  
225, 236) }
```

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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