

Converting Colors

YIQ(234.8880, 15.1750, 5.8230)

Have a look what the booklet for
YIQ(234.8880, 15.1750, 5.8230)
contains.

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Color

**YIQ(234.8880, 15.1750,
5.8230)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE3E4
RGB	253, 227, 228
RGB Percent	99%, 89%, 89%
CMY	0.0078, 0.1098, 0.1058
CMYK	0.00, 0.10, 0.10, 0.01
HSL	358°, 87%, 94%
HSV	358°, 10%, 99%
XYZ	81.9856, 81.4201, 84.8044
YIQ	234.8880, 15.1750, 5.8230

Conversions

Conversions Part 2

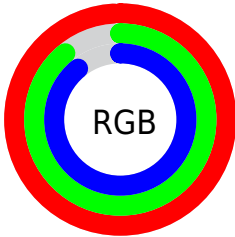
Format	Color
R _Y B	253, 227, 228
Decimal	16638948
CIE Lab	92.32, 9.07, 2.74
CIE LCh	92, 9.475, 16.823
Yxy	81.4201, 0.3303, 0.3280
Android (android.graphics.Color)	4294829028 (0xFFFD E3E4)
YUV	234.8880, -3.3958, 15.8842
Hunter-Lab	90.2331, 4.2768, 7.4402

Details

The YIQ color $234.8880, 15.1750, 5.8230$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $245.1120, -15.1750, -5.8230$, 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 $179.2900, 13.9830, 5.3990$ is the 20% darker color. If you saturate the color by 10%, you get $217.4770, 29.7540, 11.4340$, and if you desaturate by 10%, it is $252.2990, 0.5960, 0.2120$.

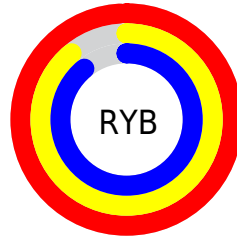
Distribution



Red (99%)

Green (89%)

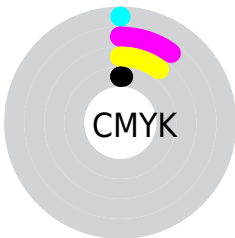
Blue (89%)



Red (99%)

Yellow (89%)

Blue (89%)

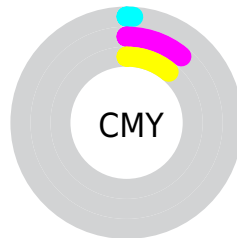


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (1%)



Cyan (1%)


Magenta (11%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 234.8880, 15.1750, 5.8230 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 234.8880, 15.1750, 5.8230 by changing the saturation by 10% instead.


 234.8880, 15.1750,
5.8230


 234.8880, 15.1750,
5.8230


255.0000, -0.0000,
-0.0000


 206.5890, 14.5790,
5.6110

 179.2900, 13.9830,
5.3990

 152.2900, 13.9830,
5.3990

 125.9910, 13.3870,
5.1870

 101.6920, 12.7910,
4.9750

 77.3930, 12.1950,
4.7630

 54.2080, 11.2780,

4.8620

■ 32.6100, 10.0860,
4.4380

■ 8.8880, 15.1750,
5.8230

■ 234.8880, 15.1750,
5.8230

■ 234.8880, 15.1750,
5.8230

■ 217.4770, 29.7540,
11.4340

■ 252.2990, 0.5960,
0.2120

■ 199.3650, 44.9290,
17.2570

■ 254.4020, -1.1920,
-0.4240

■ 181.9540, 59.5080,
22.8680

■ 164.5430, 74.0870,
28.4790

■ 146.4310, 89.2620,
34.3020

■ 129.0200,
103.8410, 39.9130

■ 111.6090,
118.4200, 45.5240

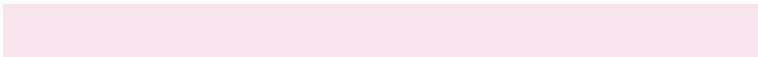
■ 94.1980, 132.9990,
51.1350

■ 76.7870, 147.5780,
56.7460

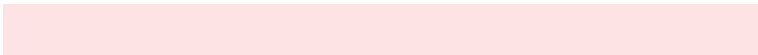
Harmonies

Analogous

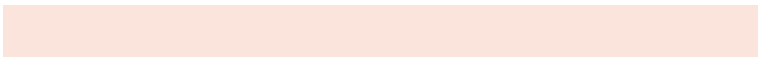
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.7180, 9.9020, 7.7740



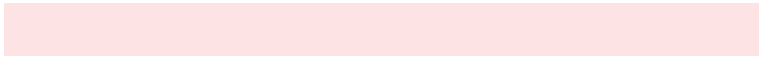
234.8880, 15.1750, 5.8230



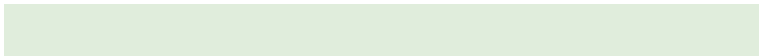
233.9650, 16.2760, 2.3880

Triad

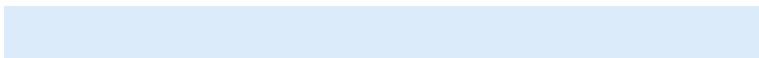
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



234.8880, 15.1750, 5.8230



231.1750, -2.2910, -8.0430



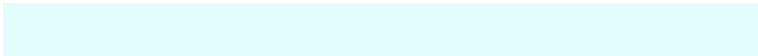
231.9260, -14.3510, 1.2730

Complementary

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



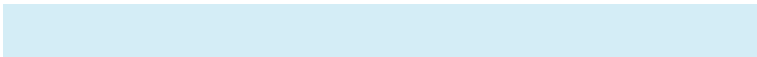
234.8880, 15.1750, 5.8230



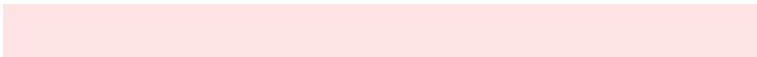
245.1120, -15.1750, -5.8230

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.



230.5510, -17.7890, -2.5010



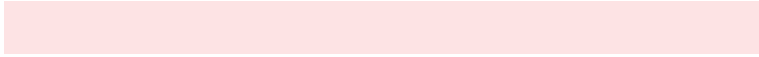
234.8880, 15.1750, 5.8230



230.2820, -9.9020, -7.7740

Square

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



234.8880, 15.1750, 5.8230



232.2470, 6.3740, -5.3860



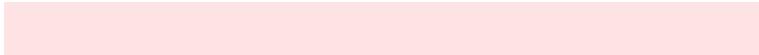
229.9270, -16.0920, -5.7240



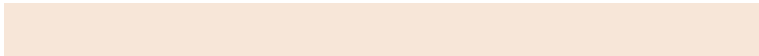
233.4540, -6.9700, 5.1740

Rectangle

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



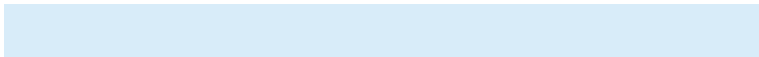
234.8880, 15.1750, 5.8230



233.4870, 14.6260, -0.7500



229.9270, -16.0920, -5.7240



231.5020, -16.0930, -0.1970

Sweetspot

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



234.8880, 15.1750, 5.8230



249.5060, 4.4470, 2.0070



237.4390, 6.5540, 13.3860



123.9080, 3.2550, 1.5830



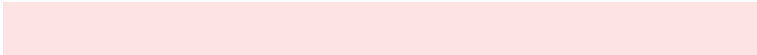
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

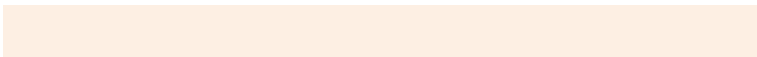
The Same Dimension uses a secret algorithm to generate beautiful new colors.



234.8880, 15.1750, 5.8230



233.4970, 17.8340, 7.1940



241.8180, 12.1960, -0.7640



118.8870, 7.7480, 2.7560



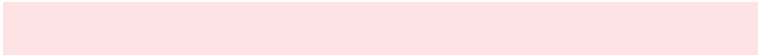
58.0210, 111.2680, 42.9800



19.4780, 37.1810, 14.5010

Inverse Universe

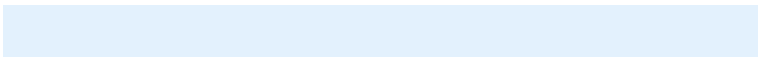
The Inverse Universe completely reimagines the original color for something new.



234.8880, 15.1750, 5.8230



233.4970, 17.8340, 7.1940



238.1820, -12.1960, 0.7640



118.8870, 7.7480, 2.7560



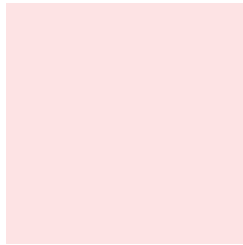
58.0210, 111.2680, 42.9800



19.4780, 37.1810, 14.5010

Previews

White Background



This preview shows how the YIQ color 234.8880, 15.1750, 5.8230 looks on a white background.

Color Contrast Check

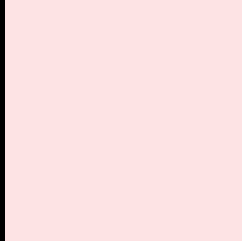
Large Text (above 18pt) WCAG AA × Fail

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 234.8880, 15.1750, 5.8230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

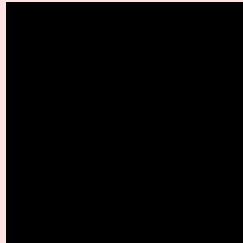
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

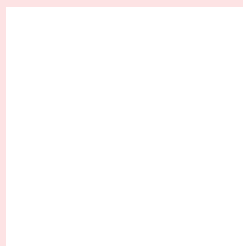
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 234.8880, 15.1750, 5.8230

Background



This preview shows how black text looks on a background with the YIQ color 234.8880, 15.1750, 5.8230.



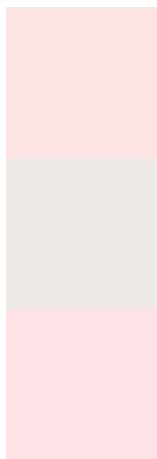
This preview shows how white text looks on a background with the YIQ color 234.8880, 15.1750,

5.8230.

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

234.8880, 15.1750, 5.8230

Protanopia

233.6800, 3.8970, 0.9610

Deuteranopia

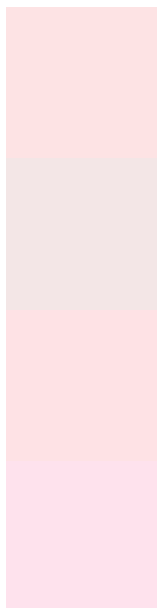
235.0130, 16.3210, 7.0810



Tritanopia

235.9080, 12.4230, 11.6470

Trichromacy



Original Color

234.8880, 15.1750, 5.8230

Protanomaly

233.8870, 7.7480, 2.7560

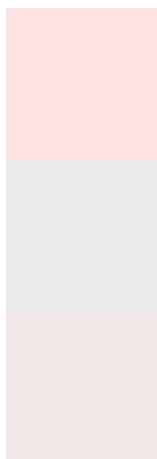
Deuteranomaly

234.7140, 15.7250, 6.8690

Tritanomaly

235.6260, 13.1570, 9.3570

Monochromacy



Original Color

234.8880, 15.1750, 5.8230

Achromatopsia

235.0000, 0.0000, -0.0000

Achromatomaly

234.9900, 5.9600, 2.1200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 234.8880, 15.1750, 5.8230 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(253, 227, 228)` looks like.

```
.text, #text, p{  
    color:rgb(253, 227, 228)  
}
```

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(253, 227, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 227, 228) }
```

Border

The CSS property to change the border of an element to YIQ 234.8880, 15.1750, 5.8230 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(253, 227, 228) }
```


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

```
.border{ border-color:rgb(253, 227, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 227, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 227, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 227, 228);  
box-shadow:4px 4px 4px 4px rgb(253, 227,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 234.8880, 15.1750, 5.8230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 227, 228) }
```

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

```
.background{ background-color: rgb(253,  
227, 228) }
```

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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