

Converting Colors

YIQ(230.8320, 9.5810, 8.0850)

Have a look what the booklet for
YIQ(230.8320, 9.5810, 8.0850)
contains.

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Color

**YIQ(230.8320, 9.5810,
8.0850)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DFEA
RGB	245, 223, 234
RGB Percent	96%, 87%, 92%
CMY	0.0392, 0.1255, 0.0823
CMYK	0.00, 0.09, 0.04, 0.04
HSL	330°, 52%, 92%
HSV	330°, 9%, 96%
XYZ	78.8990, 78.1266, 88.7691
YIQ	230.8320, 9.5810, 8.0850

Conversions

Conversions Part 2

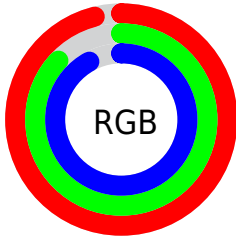
Format	Color
R _Y B	245, 223, 234
Decimal	16113642
CIE Lab	90.84, 9.40, -2.63
CIE LCh	91, 9.765, 344.347
Yxy	78.1266, 0.3210, 0.3179
Android (android.graphics.Color)	4294303722 (0xFFFF5DFEA)
YUV	230.8320, 1.5618, 12.4253
Hunter-Lab	88.3892, 4.6536, 2.3277

Details

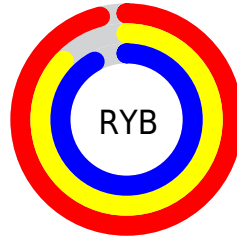
The YIQ color $230.8320, 9.5810, 8.0850$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $237.1680, -9.5810, -8.0850$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $175.4190, 9.3060, 7.5620$ is the 20% darker color. If you saturate the color by 10%, you get $214.7890, 20.3080, 17.4280$, and if you desaturate by 10%, it is $246.2880, -0.8710, -0.7350$.

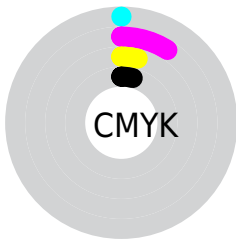
Distribution



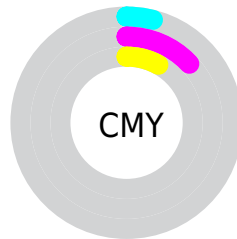
- Red (96%)
- Green (87%)
- Blue (92%)



- Red (96%)
- Yellow (87%)
- Blue (92%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.8320, 9.5810, 8.0850 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 230.8320, 9.5810, 8.0850 by changing the saturation by 10% instead.


 230.8320, 9.5810,
8.0850


 230.8320, 9.5810,
8.0850


255.0000, -0.0000,
-0.0000


 202.8320, 9.5810,
8.0850

 175.4190, 9.3060,
7.5620

 148.5330, 8.9850,
7.8730

 122.8210, 8.1140,
7.1380

 97.8210, 8.1140,
7.1380

 74.1090, 7.2430,
6.4030

 51.1090, 7.2430,

6.4030

■ 30.3970, 6.3720,
5.6680

■ 7.4190, 9.3060,
7.5620

■ 230.8320, 9.5810,
8.0850

■ 230.8320, 9.5810,
8.0850

■ 214.7890, 20.3080,
17.4280

■ 246.2880, -0.8710,
-0.7350

■ 199.3330, 30.7600,
26.2480

■ 252.0100, -5.9600,
-2.1200

■ 183.1760, 41.8080,
35.2800

■ 167.7200, 52.2600,
44.1000

■ 151.6770, 62.9870,
53.4430

■ 136.2210, 73.4390,
62.2630

■ 120.0640, 84.4870,
71.2950

■ 104.6080, 94.9390,
80.1150

■ 88.5650, 105.6660,
89.4580

Harmonies

Analogous

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



230.2270, 1.0990, 7.6190



230.8320, 9.5810, 8.0850



230.8880, 15.1750, 5.8230

Triad

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



230.8320, 9.5810, 8.0850



228.4320, 7.2910, -5.4850



226.1380, -18.0640, -3.0240

Complementary

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



230.8320, 9.5810, 8.0850



237.1680, -9.5810, -8.0850

Split Complementary

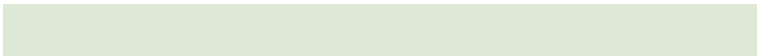
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.5140, -16.3670, -6.2470



230.8320, 9.5810, 8.0850



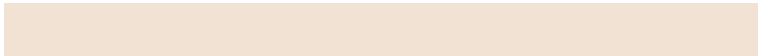
226.7730, -1.0990, -7.6190

Square

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



230.8320, 9.5810, 8.0850



229.0740, 14.3510, -1.2730



225.8690, -10.1770, -8.2970



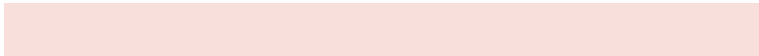
227.6270, -14.9470, 1.0610

Rectangle

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



230.8320, 9.5810, 8.0850



230.3180, 16.7800, 4.2680



225.8690, -10.1770, -8.2970



226.1980, -18.2930, -4.3810

Sweetspot

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



230.8320, 9.5810, 8.0850



249.8480, 3.4840, 2.9400



228.7970, -0.5060, 9.1740



124.1360, 2.6130, 2.2050



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.



230.8320, 9.5810, 8.0850



236.9680, 12.1940, 10.2900



229.5780, 13.1120, 4.6640



114.2720, 5.2260, 4.4100



66.2160, 81.0030, 68.3550



20.9470, 25.8550, 21.5270

Inverse Universe

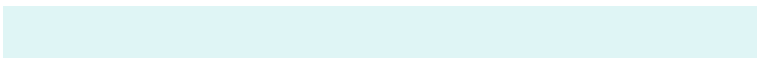
The Inverse Universe completely reimagines the original color for something new.



230.8320, 9.5810, 8.0850



236.9680, 12.1940, 10.2900



238.4220, -13.1120, -4.6640



114.2720, 5.2260, 4.4100



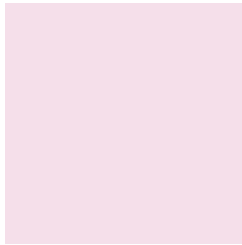
66.2160, 81.0030, 68.3550



20.9470, 25.8550, 21.5270

Previews

White Background



This preview shows how the YIQ color 230.8320, 9.5810, 8.0850 looks on a white background.

Color Contrast Check

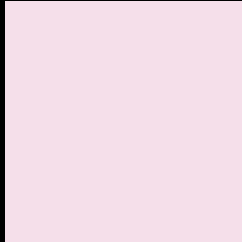
Large Text (above 18pt) WCAG AA × Fail

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 230.8320, 9.5810, 8.0850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

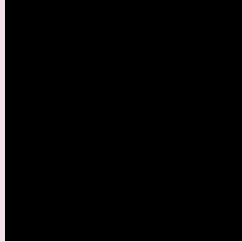
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 230.8320, 9.5810, 8.0850

Background



This preview shows how black text looks on a background with the YIQ color 230.8320, 9.5810, 8.0850.



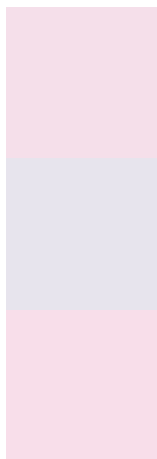
This preview shows how white text looks on a background with the YIQ color 230.8320, 9.5810,

8.0850.

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

230.8320, 9.5810, 8.0850

Protanopia

229.9230, -1.1010, 3.4350

Deuteranopia

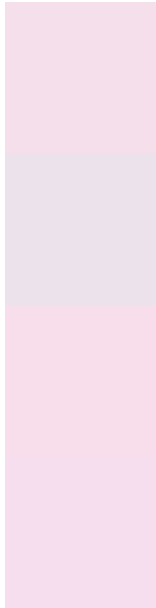
231.1420, 11.6440, 9.2440



Tritanopia

231.2280, 8.5260, 10.6860

Trichromacy



Original Color

230.8320, 9.5810, 8.0850

Protanomaly

230.1300, 2.7500, 5.2300

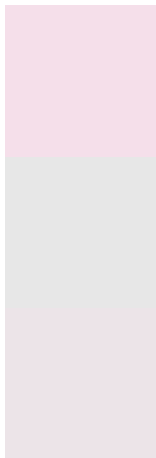
Deuteranomaly

230.8430, 11.0480, 9.0320

Tritanomaly

231.0000, 9.1680, 10.0640

Monochromacy



Original Color

230.8320, 9.5810, 8.0850

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

230.8480, 3.4840, 2.9400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.8320, 9.5810, 8.0850 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(245, 223, 234)` looks like.

```
.text, #text, p{  
    color:rgb(245, 223, 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(245, 223, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 223, 234) }
```

Border

The CSS property to change the border of an element to YIQ 230.8320, 9.5810, 8.0850 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(245, 223, 234) }
```


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

```
.border{ border-color:rgb(245, 223, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 223, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 223, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 223, 234); box-shadow:4px 4px 4px 4px rgb(245, 223, 234) }
```

Background

The CSS property to change the background color of an element to YIQ 230.8320, 9.5810, 8.0850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 223, 234) }
```

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

```
.background{ background-color: rgb(245,  
223, 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](#).

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