

Converting Colors

YIQ(229.8400, -2.0650, 9.8950)

Have a look what the booklet for
YIQ(229.8400, -2.0650, 9.8950)
contains.

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Color

**YIQ(229.8400, -2.0650,
9.8950)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE0F9
RGB	234, 224, 249
RGB Percent	92%, 88%, 98%
CMY	0.0823, 0.1216, 0.0236
CMYK	0.06, 0.10, 0.00, 0.02
HSL	264°, 68%, 93%
HSV	264°, 10%, 98%
XYZ	77.6873, 77.6423, 100.5087
YIQ	229.8400, -2.0650, 9.8950

Conversions

Conversions Part 2

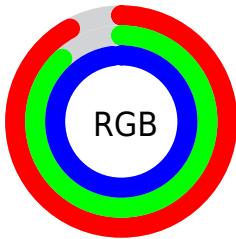
Format	Color
RYB	234, 224, 249
Decimal	15393017
CIELab	90.62, 7.94, -10.91
CIELCh	91, 13.495, 306.030
Yxy	77.6423, 0.3037, 0.3035
Android (android.graphics.Color)	4293583097 (0xFFEAE0F9)
YUV	229.8400, 9.4459, 3.6483
Hunter-Lab	88.1149, 3.1751, -5.9490

Details

The YIQ color $229.8400, -2.0650, 9.8950$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $243.1600, 2.0650, -9.8950$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.4270, -2.3400, 9.3720$ is the 20% darker color. If you saturate the color by 10%, you get $210.6800, -4.1300, 19.7900$, and if you desaturate by 10%, it is $249.0000, -0.0000, -0.0000$.

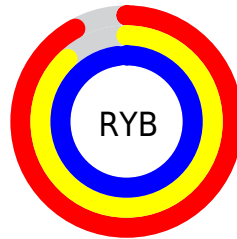
Distribution



Red (92%)

Green (88%)

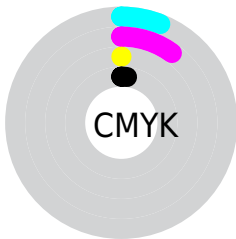
Blue (98%)



Red (92%)

Yellow (88%)

Blue (98%)

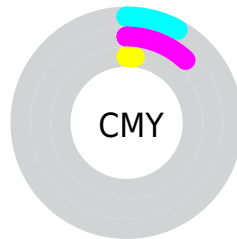


Cyan (6%)

Magenta (10%)

Yellow (0%)

Black (2%)



Cyan (8%)

Magenta (12%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.8400, -2.0650, 9.8950 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 229.8400, -2.0650, 9.8950 by changing the saturation by 10% instead.

■ 229.8400, -2.0650,
9.8950

■ 229.8400, -2.0650,
9.8950

255.0000, -0.0000,
-0.0000

■ 201.7260, -1.7440,
9.5840

■ 174.4270, -2.3400,
9.3720

■ 147.3130, -2.0190,
9.0610

■ 122.1990, -1.6980,
8.7500

■ 96.9000, -2.2940,
8.5380

■ 73.3730, -2.2480,
7.7040

■ 50.6720, -1.6520,

7.9160

■ 29.8460, -2.2020,
6.8700

■ 5.7260, -1.7440,
9.5840

■ 229.8400, -2.0650,
9.8950

■ 229.8400, -2.0650,
9.8950

■ 210.6800, -4.1300,
19.7900

■ 249.0000, -0.0000,
-0.0000

■ 191.5200, -6.1950,
29.6850

■ 254.3160, 1.9260,
-1.8660

■ 172.3600, -8.2600,
39.5800

■ 153.2000,
-10.3250, 49.4750

■ 134.6270,
-12.6650, 58.8470

■ 115.4670,
-14.7300, 68.7420

■ 96.6060, -16.1990,
78.8490

■ 77.4460, -18.2640,
88.7440

■ 58.2860, -20.3290,
98.6390

Harmonies

Analogous

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



227.9740, -14.3060, 5.9660



229.8400, -2.0650, 9.8950



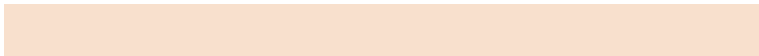
231.1250, 10.3140, 11.3220

Triad

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



229.8400, -2.0650, 9.8950



229.0100, 20.4030, -0.8210



223.9540, -20.7220, -9.9220

Complementary

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



229.8400, -2.0650, 9.8950



243.1600, 2.0650, -9.8950

Split Complementary

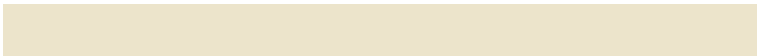
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.5760, -10.9100, -11.5340



229.8400, -2.0650, 9.8950



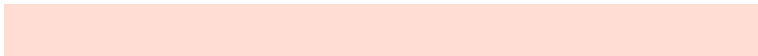
227.5420, 12.7930, -6.0790

Square

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



229.8400, -2.0650, 9.8950



230.2540, 22.8320, 4.7200



225.8610, 1.4690, -10.1070



224.2510, -25.8120, -5.7800

Rectangle

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



229.8400, -2.0650, 9.8950



231.0070, 16.4580, 10.1060



225.8610, 1.4690, -10.1070



224.0960, -18.2460, -10.7420

Sweetspot

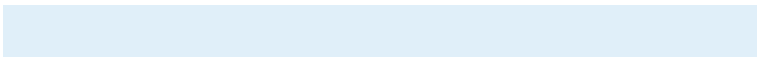
The Sweet Spot groups the original color and five complimentary colors.



229.8400, -2.0650, 9.8950



248.8090, -0.7800, 3.1240



235.6550, -12.1500, -0.0700



123.2820, -0.7340, 2.2900



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.



229.8400, -2.0650, 9.8950



231.4210, -2.2030, 12.3970



233.4280, 5.0870, 12.4390



114.9770, -1.1930, 5.1030



44.2700, -15.3730, 74.8910



14.4290, -4.6810, 24.2710

Inverse Universe

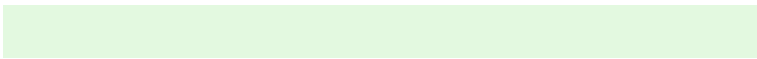
The Inverse Universe completely reimagines the original color for something new.



233.1850, 10.0850, 9.9650



235.4350, 12.3770, 12.4810



239.5720, -5.0870, -12.4390



116.7990, 5.1800, 5.2440



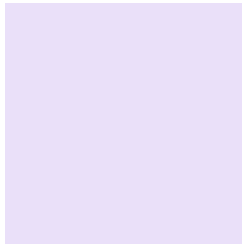
69.3930, 76.3710, 75.2110



22.4570, 24.4790, 24.4390

Previews

White Background



This preview shows how the YIQ color 229.8400, -2.0650, 9.8950 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 229.8400, -2.0650, 9.8950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

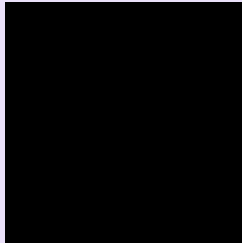
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 229.8400, -2.0650, 9.8950

Background



This preview shows how black text looks on a background with the YIQ color 229.8400, -2.0650, 9.8950.



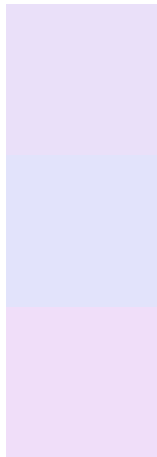
This preview shows how white text looks on a background with the YIQ color 229.8400, -2.0650,

9.8950.

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

229.8400, -2.0650, 9.8950

Protanopia

229.4370, -8.3000, 7.2520

Deuteranopia

230.4600, 2.0610, 12.2130



Tritanopia

229.4440, -1.0100, 7.2940

Trichromacy



Original Color

229.8400, -2.0650, 9.8950

Protanomaly

229.6330, -5.9160, 8.1000

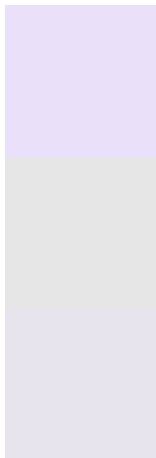
Deuteranomaly

230.4490, 0.5940, 11.2660

Tritanomaly

229.6720, -1.6520, 7.9160

Monochromacy



Original Color

229.8400, -2.0650, 9.8950

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

229.9230, -1.1010, 3.4350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.8400, -2.0650, 9.8950 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(234, 224, 249)` looks like.

```
.text, #text, p{  
    color:rgb(234, 224, 249)  
}
```

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(234, 224, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 224, 249) }
```

Border

The CSS property to change the border of an element to YIQ 229.8400, -2.0650, 9.8950 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(234, 224, 249) }
```


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

```
.border{ border-color:rgb(234, 224, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 224, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 224, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 224, 249);  
box-shadow:4px 4px 4px 4px rgb(234, 224,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 229.8400, -2.0650, 9.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 224, 249) }
```

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

```
.background{ background-color: rgb(234,  
224, 249) }
```

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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