

Converting Colors

YIQ(229.6440, -4.4490, 9.0470)

Have a look what the booklet for
YIQ(229.6440, -4.4490, 9.0470)
contains.

YIQ(229.6440, -4.4490, 9.0470)	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(229.6440, -4.4490,
9.0470)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E1FA
RGB	231, 225, 250
RGB Percent	91%, 88%, 98%
CMY	0.0941, 0.1176, 0.0196
CMYK	0.08, 0.10, 0.00, 0.02
HSL	254°, 71%, 93%
HSV	254°, 10%, 98%
XYZ	77.1358, 77.7408, 101.3747
YIQ	229.6440, -4.4490, 9.0470

Conversions

Conversions Part 2

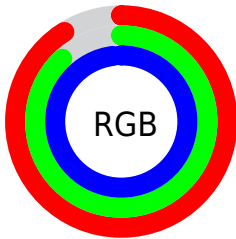
Format	Color
R _Y B	231, 225, 250
Decimal	15196666
CIE Lab	90.66, 6.64, -11.39
CIE LCh	91, 13.185, 300.214
Yxy	77.7408, 0.3010, 0.3034
Android (android.graphics.Color)	4293386746 (0xFFE7E1FA)
YUV	229.6440, 10.0355, 1.1892
Hunter-Lab	88.1708, 1.8612, -6.4494

Details

The YIQ color $229.6440, -4.4490, 9.0470$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $245.3560, 4.4490, -9.0470$, 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 $174.2310, -4.7240, 8.5240$ is the 20% darker color. If you saturate the color by 10%, you get $209.2880, -8.8980, 18.0940$, and if you desaturate by 10%, it is $250.0000, 0.0000, 0.0000$.

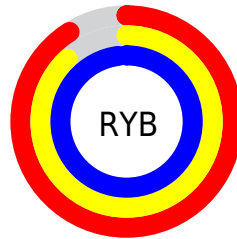
Distribution



Red (91%)

Green (88%)

Blue (98%)



Red (91%)

Yellow (88%)

Blue (98%)

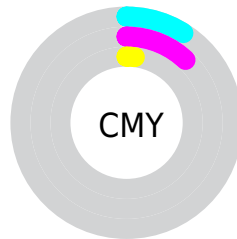


Cyan (8%)

Magenta (10%)

Yellow (0%)

Black (2%)



Cyan (9%)

Magenta (12%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.6440, -4.4490, 9.0470 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 229.6440, -4.4490, 9.0470 by changing the saturation by 10% instead.

■ 229.6440, -4.4490,
9.0470

■ 229.6440, -4.4490,
9.0470

255.0000, -0.0000,
-0.0000

■ 201.5300, -4.1280,
8.7360

■ 174.2310, -4.7240,
8.5240

■ 147.4160, -3.8070,
8.4250

■ 122.0030, -4.0820,
7.9020

■ 96.8890, -3.7610,
7.5910

■ 73.4760, -4.0360,
7.0680

■ 50.3620, -3.7150,

6.7570

■ 29.2480, -3.3940,
6.4460

■ 4.8290, -3.5320,
8.9480

■ 229.6440, -4.4490,
9.0470

■ 229.6440, -4.4490,
9.0470

■ 209.2880, -8.8980,
18.0940

■ 250.0000, 0.0000,
0.0000

■ 188.9320,
-13.3470, 27.1410

■ 254.4300, 1.6050,
-1.5550

■ 168.5760,
-17.7960, 36.1880

■ 148.2200,
-22.2450, 45.2350

■ 127.8640,
-26.6940, 54.2820

■ 107.5080,
-31.1430, 63.3290

■ 87.1520, -35.5920,
72.3760

■ 66.7960, -40.0410,
81.4230

■ 46.4400, -44.4900,
90.4700

Harmonies

Analogous

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



227.5500, -16.0480, 4.4960



229.6440, -4.4490, 9.0470



230.4560, 7.8840, 11.3080

Triad

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



229.6440, -4.4490, 9.0470



229.2490, 21.2280, 0.7480



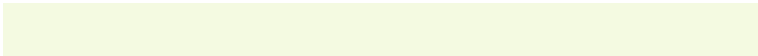
224.3240, -18.8880, -10.1200

Complementary

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



229.6440, -4.4490, 9.0470



245.3560, 4.4490, -9.0470

Split Complementary

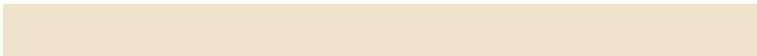
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.6580, -8.2050, -10.9970



229.6440, -4.4490, 9.0470



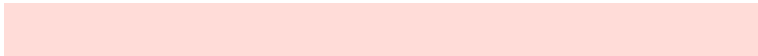
227.8520, 14.8560, -4.9200

Square

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



229.6440, -4.4490, 9.0470



230.0090, 22.1440, 6.1760



226.0570, 3.8530, -9.2590



224.2080, -24.2530, -6.5010

Rectangle

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



229.6440, -4.4490, 9.0470



231.0500, 14.8990, 10.8270



226.0570, 3.8530, -9.2590



224.6510, -15.4950, -11.0390

Sweetspot

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



229.6440, -4.4490, 9.0470



248.5100, -1.3760, 2.9120



239.0030, -13.2500, -2.1620



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.



229.6440, -4.4490, 9.0470



229.9260, -5.1830, 11.3370



233.2320, 2.7030, 11.5910



114.3790, -2.3850, 4.6790



35.0010, -33.8490, 68.3190



11.4390, -10.6410, 22.1510

Inverse Universe

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



234.6410, 8.8010, 11.2090



236.0050, 10.7720, 14.0360



241.7680, -2.7030, -11.5910



117.0270, 4.5380, 5.8660



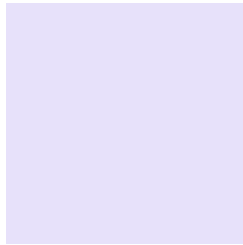
72.8130, 66.7410, 84.5410



23.4830, 21.5900, 27.2380

Previews

White Background



This preview shows how the YIQ color 229.6440, -4.4490, 9.0470 looks on a white background.

Color Contrast Check

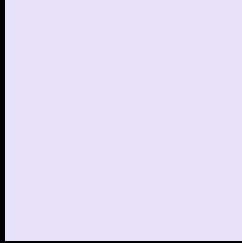
Large Text (above 18pt) WCAG AA × Fail

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 229.6440, -4.4490, 9.0470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

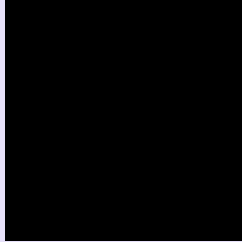
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 229.6440, -4.4490, 9.0470

Background



This preview shows how black text looks on a background with the YIQ color 229.6440, -4.4490, 9.0470.



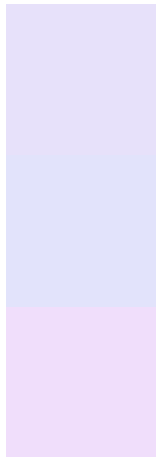
This preview shows how white text looks on a background with the YIQ color 229.6440, -4.4490,

9.0470.

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

229.6440, -4.4490, 9.0470

Protanopia

229.4370, -8.3000, 7.2520

Deuteranopia

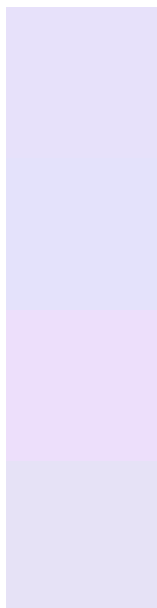
230.6880, 1.4190, 12.8350



Tritanopia

229.2480, -3.3940, 6.4460

Trichromacy



Original Color

229.6440, -4.4490, 9.0470

Protanomaly

229.4480, -6.8330, 8.1990

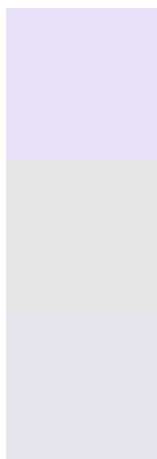
Deuteranomaly

230.3780, -0.6440, 11.6760

Tritanomaly

229.4760, -4.0360, 7.0680

Monochromacy



Original Color

229.6440, -4.4490, 9.0470

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

229.6240, -1.6970, 3.2230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.6440, -4.4490, 9.0470 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(231, 225, 250)` looks like.

```
.text, #text, p{  
    color:rgb(231, 225, 250)  
}
```

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(231, 225, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 225, 250) }
```

Border

The CSS property to change the border of an element to YIQ 229.6440, -4.4490, 9.0470 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(231, 225, 250) }
```


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

```
.border{ border-color:rgb(231, 225, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 225, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 225, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 225, 250);  
box-shadow:4px 4px 4px 4px rgb(231, 225,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 229.6440, -4.4490, 9.0470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 225, 250) }
```

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

```
.background{ background-color: rgb(231,  
225, 250) }
```

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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