

Converting Colors

YIQ(229.5570, 0.4100, 14.6020)

Have a look what the booklet for
YIQ(229.5570, 0.4100, 14.6020)
contains.

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Color

**YIQ(229.5570, 0.4100,
14.6020)**

Conversions

Conversions Part 1

Format	Color
Hex	EFDCFE
RGB	239, 220, 254
RGB Percent	94%, 86%, 100%
CMY	0.0627, 0.1373, 0.0039
CMYK	0.06, 0.13, 0.00, 0.00
HSL	274°, 94%, 93%
HSV	274°, 13%, 100%
XYZ	79.0818, 76.6913, 104.3955
YIQ	229.5570, 0.4100, 14.6020

Conversions

Conversions Part 2

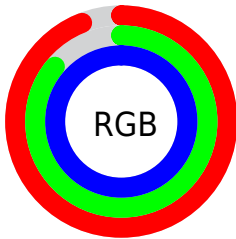
Format	Color
R _Y B	239, 220, 254
Decimal	15719678
CIE _{Lab}	90.18, 12.60, -14.15
CIE _{LCh}	90, 18.946, 311.698
Y _{xy}	76.6913, 0.3040, 0.2948
Android (android.graphics.Color)	4293909758 (0xFFEFD _{CFE})
Y _{UV}	229.5570, 12.0504, 8.2815
Hunter-Lab	87.5736, 7.9377, -9.3775

Details

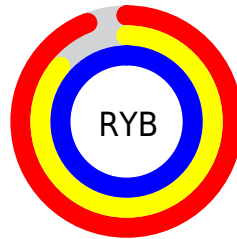
The YIQ color $229.5570, 0.4100, 14.6020$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $244.4430, -0.4100, -14.6020$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.0300, 0.4560, 13.7680$ is the 20% darker color. If you saturate the color by 10%, you get $211.5930, 0.7290, 25.3450$, and if you desaturate by 10%, it is $247.5210, 0.0910, 3.8590$.

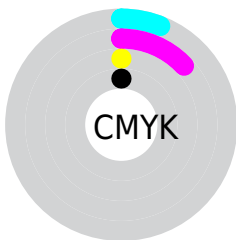
Distribution



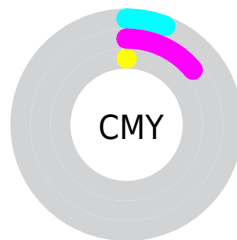
- Red (94%)
- Green (86%)
- Blue (100%)



- Red (94%)
- Yellow (86%)
- Blue (100%)



- Cyan (6%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.5570, 0.4100, 14.6020 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 229.5570, 0.4100, 14.6020 by changing the saturation by 10% instead.

229.5570, 0.4100,
14.6020

229.5570, 0.4100,
14.6020

255.0000, -0.0000,
-0.0000

201.4430, 0.7310,
14.2910

174.0300, 0.4560,
13.7680

147.6170, 0.1810,
13.2450

121.5030, 0.5020,
12.9340

97.0900, 0.2270,
12.4110

72.6770, -0.0480,
11.8880

50.1500, -0.0020,

11.0540

■ 28.7370, -0.2770,
10.5310

■ 7.8620, 0.8690,
11.7890

■ 229.5570, 0.4100,
14.6020

■ 229.5570, 0.4100,
14.6020

■ 211.5930, 0.7290,
25.3450

■ 247.5210, 0.0910,
3.8590

■ 193.0420, 1.3230,
36.6110

254.8860, 0.3210,
-0.3110

■ 174.7790, 1.0460,
47.1420

■ 156.2280, 1.6400,
58.4080

■ 138.2640, 1.9590,
69.1510

■ 120.3000, 2.2780,
79.8940

■ 101.7490, 2.8720,
91.1600

■ 83.7850, 3.1910,
101.9030

■ 71.4140, 3.0980,
109.0980

Harmonies

Analogous

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



226.3160, -15.2690, 6.8990



229.5570, 0.4100, 14.6020



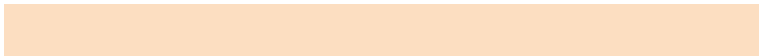
230.2830, 15.8610, 15.4210

Triad

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



229.5570, 0.4100, 14.6020



227.6640, 27.1890, -2.6590



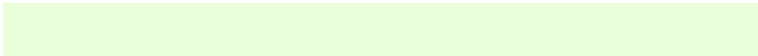
220.3870, -32.3670, -13.6390

Complementary

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



229.5570, 0.4100, 14.6020



244.4430, -0.4100, -14.6020

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.



221.6350, -18.5660, -15.9580



229.5570, 0.4100, 14.6020



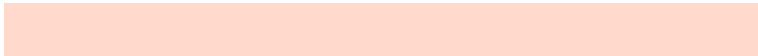
225.5760, 15.4530, -10.2350

Square

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



229.5570, 0.4100, 14.6020



226.8800, 26.8210, 4.0130



223.1440, -1.0060, -14.8140



221.1510, -37.2740, -7.3060

Rectangle

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



229.5570, 0.4100, 14.6020



227.6270, 20.5840, 12.4240



223.1440, -1.0060, -14.8140



220.6000, -28.6530, -14.8690

Sweetspot

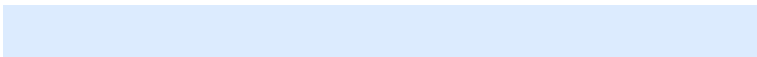
The Sweet Spot groups the original color and five complimentary colors.



229.5570, 0.4100, 14.6020



247.9340, 0.3660, 4.3820



232.6810, -15.0390, 2.7290



122.9940, 0.1370, 3.0250



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.



229.5570, 0.4100, 14.6020



225.5510, 0.5470, 17.6270



233.8140, 9.9920, 17.1600



118.5750, -0.0010, 5.5270



53.7670, 2.4610, 82.0850



18.0600, 0.9120, 27.5360

Inverse Universe

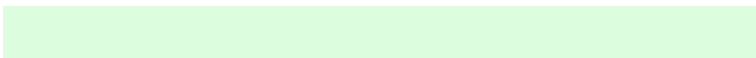
The Inverse Universe completely reimagines the original color for something new.



231.8760, 15.4490, 11.8730



228.3110, 18.6580, 14.2900



240.1860, -9.9920, -17.1600



119.4570, 6.1430, 4.3110



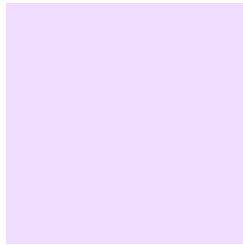
66.6850, 86.8720, 66.6160



22.3280, 29.1560, 22.2760

Previews

White Background



This preview shows how the YIQ color 229.5570, 0.4100, 14.6020 looks on a white background.

Color Contrast Check

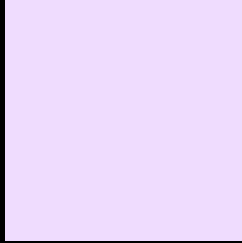
Large Text (above 18pt) WCAG AA × Fail

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 229.5570, 0.4100, 14.6020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

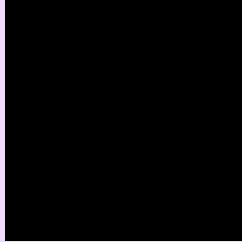
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 229.5570, 0.4100, 14.6020

Background



This preview shows how black text looks on a background with the YIQ color 229.5570, 0.4100, 14.6020.

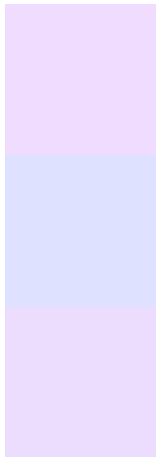


This preview shows how white text looks on a background with the YIQ color 229.5570, 0.4100,

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

229.5570, 0.4100, 14.6020

Protanopia

227.5230, -11.4180, 8.6940

Deuteranopia

229.2470, -1.6530, 13.4430



Tritanopia

228.5370, 3.1620, 8.7780

Trichromacy



Original Color

229.5570, 0.4100, 14.6020

Protanomaly

228.1430, -7.2920, 11.0120

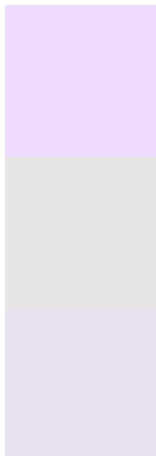
Deuteranomaly

229.5460, -1.0570, 13.6550

Tritanomaly

228.8190, 2.4280, 11.0680

Monochromacy



Original Color

229.5570, 0.4100, 14.6020

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

229.5750, -0.0010, 5.5270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.5570, 0.4100, 14.6020 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(239, 220, 254)` looks like.

```
.text, #text, p{  
    color:rgb(239, 220, 254)  
}
```

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(239, 220, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 220, 254) }
```

Border

The CSS property to change the border of an element to YIQ 229.5570, 0.4100, 14.6020 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(239, 220, 254) }
```


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

```
.border{ border-color:rgb(239, 220, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 220, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 220, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 220, 254);  
box-shadow:4px 4px 4px 4px rgb(239, 220,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 229.5570, 0.4100, 14.6020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 220, 254) }
```

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

```
.background{ background-color: rgb(239,  
220, 254) }
```

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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