

Converting Colors

YIQ(223.7740, -1.6990, 14.2770)

Have a look what the booklet for
YIQ(223.7740, -1.6990, 14.2770)
contains.

YIQ(223.7740, -1.6990, 14.2770)	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(223.7740, -1.6990,
14.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D7FA
RGB	231, 215, 250
RGB Percent	91%, 84%, 98%
CMY	0.0941, 0.1569, 0.0196
CMYK	0.08, 0.14, 0.00, 0.02
HSL	267°, 78%, 91%
HSV	267°, 14%, 98%
XYZ	74.5126, 72.4906, 100.5002
YIQ	223.7740, -1.6990, 14.2770

Conversions

Conversions Part 2

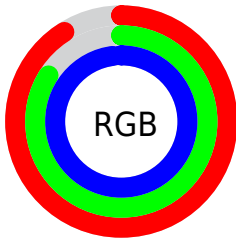
Format	Color
R_{YB}	231, 215, 250
Decimal	15194106
CIE _{Lab}	88.20, 11.88, -15.07
CIE _{LCh}	88, 19.187, 308.252
Yxy	72.4906, 0.3011, 0.2929
Android (android.graphics.Color)	4293384186 (0xFFE7D7FA)
YUV	223.7740, 12.9294, 6.3372
Hunter-Lab	85.1414, 7.2193, -10.3865

Details

The YIQ color $223.7740, -1.6990, 14.2770$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $241.2260, 1.6990, -14.2770$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $168.2470, -1.6530, 13.4430$ is the 20% darker color. If you saturate the color by 10%, you get $204.9130, -3.1680, 24.3840$, and if you desaturate by 10%, it is $242.6350, -0.2300, 4.1700$.

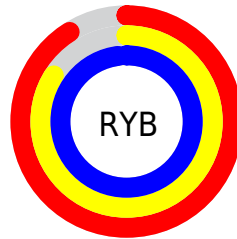
Distribution



Red (91%)

Green (84%)

Blue (98%)



Red (91%)

Yellow (84%)

Blue (98%)

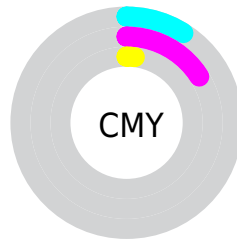


Cyan (8%)

Magenta (14%)

Yellow (0%)

Black (2%)



Cyan (9%)

Magenta (16%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.7740, -1.6990, 14.2770 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 223.7740, -1.6990, 14.2770 by changing the saturation by 10% instead.

■ 223.7740, -1.6990,
14.2770

■ 223.7740, -1.6990,
14.2770

255.0000, -0.0000,
-0.0000

■ 195.6600, -1.3780,
13.9660

■ 168.2470, -1.6530,
13.4430

■ 142.1330, -1.3320,
13.1320

■ 116.7200, -1.6070,
12.6090

■ 91.6060, -1.2860,
12.2980

■ 68.1930, -1.5610,
11.7750

■ 45.6660, -1.5150,

10.9410

■ 24.8400, -2.0650,
9.8950

■ 2.7360, -7.7040,
7.4640

■ 223.7740, -1.6990,
14.2770

■ 223.7740, -1.6990,
14.2770

■ 204.9130, -3.1680,
24.3840

■ 242.6350, -0.2300,
4.1700

■ 186.3510, -4.0410,
34.7030

■ 254.4300, 1.6050,
-1.5550

■ 167.4900, -5.5100,
44.8100

■ 148.9280, -6.3830,
55.1290

■ 130.0670, -7.8520,
65.2360

■ 111.5050, -8.7250,
75.5550

■ 92.6440, -10.1940,
85.6620

■ 74.0820, -11.0670,
95.9810

■ 62.5860, -12.3060,
101.9180

Harmonies

Analogous

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



220.9890, -18.6620, 7.8180



223.7740, -1.6990, 14.2770



224.8100, 15.8150, 16.2550

Triad

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



223.7740, -1.6990, 14.2770



222.3760, 28.0600, -1.9240



214.5720, -31.4500, -13.7380

Complementary

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



223.7740, -1.6990, 14.2770



241.2260, 1.6990, -14.2770

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.



216.0050, -16.7320, -16.1560



223.7740, -1.6990, 14.2770



220.4730, 17.2410, -9.5990

Square

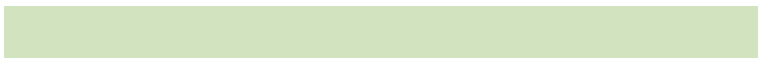
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223.7740, -1.6990, 14.2770



222.7880, 30.0760, 5.5960



217.9270, 1.1030, -14.4890



215.3250, -37.8240, -8.3520

Rectangle

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



223.7740, -1.6990, 14.2770



224.3500, 22.9220, 14.1060



217.9270, 1.1030, -14.4890



214.9700, -26.8190, -15.0670

Sweetspot

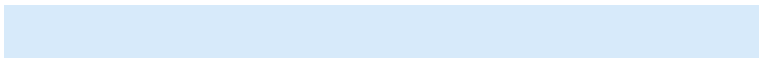
The Sweet Spot groups the original color and five complimentary colors.



223.7740, -1.6990, 14.2770



247.3360, -0.8260, 3.9580



230.1430, -16.4600, 0.9480



122.6950, -0.4590, 2.8130



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.



223.7740, -1.6990, 14.2770



222.5830, -2.4790, 17.4010



228.8570, 8.4330, 17.8810



115.2760, -0.5970, 5.3150



47.2600, -9.4130, 77.0110



15.3260, -2.8930, 24.9070

Inverse Universe

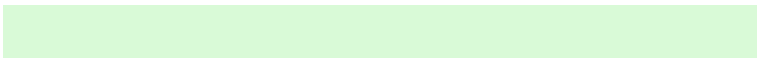
The Inverse Universe completely reimagines the original color for something new.



227.6310, 14.7610, 13.3290



227.4790, 18.2450, 16.2690



236.1430, -8.4330, -17.8810



116.6850, 5.5010, 4.9330



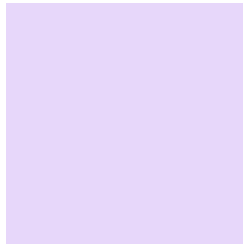
68.1390, 79.9020, 71.7900



22.0010, 25.7630, 23.1950

Previews

White Background



This preview shows how the YIQ color 223.7740, -1.6990, 14.2770 looks on a white background.

Color Contrast Check

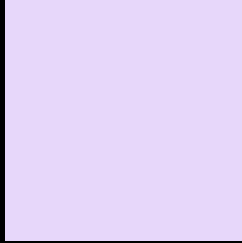
Large Text (above 18pt) WCAG AA × Fail

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 223.7740, -1.6990, 14.2770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

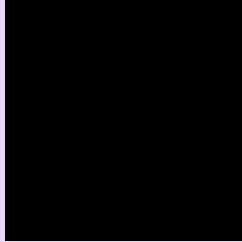
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 223.7740, -1.6990, 14.2770

Background



This preview shows how black text looks on a background with the YIQ color 223.7740, -1.6990, 14.2770.



This preview shows how white text looks on a background with the YIQ color 223.7740, -1.6990,

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

223.7740, -1.6990, 14.2770

Protanopia

222.5660, -12.9770, 9.4150

Deuteranopia

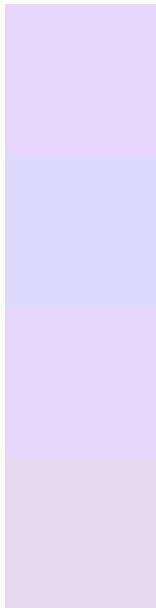
223.7630, -3.1660, 13.3300



Tritanopia

223.2270, 1.0990, 7.6190

Trichromacy



Original Color

223.7740, -1.6990, 14.2770

Protanomaly

222.7730, -9.1260, 11.2100

Deuteranomaly

224.0620, -2.5700, 13.5420

Tritanomaly

223.5090, 0.3650, 9.9090

Monochromacy



Original Color

223.7740, -1.6990, 14.2770

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

224.1620, -0.2760, 5.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.7740, -1.6990, 14.2770 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, 215, 250)` looks like.

```
.text, #text, p{  
    color:rgb(231, 215, 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, 215, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 215, 250) }
```

Border

The CSS property to change the border of an element to YIQ 223.7740, -1.6990, 14.2770 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, 215, 250) }
```


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

```
.border{ border-color:rgb(231, 215, 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, 215, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 215, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 215, 250);  
box-shadow:4px 4px 4px 4px rgb(231, 215,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 223.7740, -1.6990, 14.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 215, 250) }
```

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

```
.background{ background-color: rgb(231,  
215, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor