

Converting Colors

YIQ(226.4330, -2.4770, 6.3470)

Have a look what the booklet for
YIQ(226.4330, -2.4770, 6.3470)
contains.

YIQ(226.4330, -2.4770, 6.3470)	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(226.4330, -2.4770,
6.3470)**

Conversions

Conversions Part 1

Format	Color
Hex	E4DFF0
RGB	228, 223, 240
RGB Percent	89%, 87%, 94%
CMY	0.1059, 0.1255, 0.0588
CMYK	0.05, 0.07, 0.00, 0.06
HSL	258°, 36%, 91%
HSV	258°, 7%, 94%
XYZ	74.1112, 75.5601, 93.1120
YIQ	226.4330, -2.4770, 6.3470

Conversions

Conversions Part 2

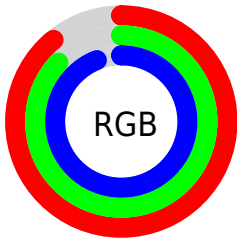
Format	Color
R_{YB}	228, 223, 240
Decimal	14999536
CIE _{Lab}	89.65, 4.80, -7.67
CIE _{LCh}	90, 9.049, 302.015
Yxy	75.5601, 0.3053, 0.3112
Android (android.graphics.Color)	4293189616 (0xFFE4DFF0)
YUV	226.4330, 6.6885, 1.3743
Hunter-Lab	86.9253, 0.0670, -2.6621

Details

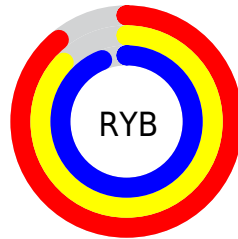
The YIQ color $226.4330, -2.4770, 6.3470$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $236.5670, 2.4770, -6.3470$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $171.3190, -2.1560, 6.0360$ is the 20% darker color. If you saturate the color by 10%, you get $207.2620, -6.0090, 15.2950$, and if you desaturate by 10%, it is $245.6040, 1.0550, -2.6010$.

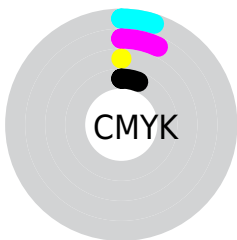
Distribution



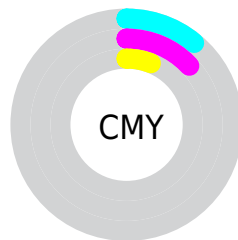
- Red (89%)
- Green (87%)
- Blue (94%)



- Red (89%)
- Yellow (87%)
- Blue (94%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (11%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.4330, -2.4770, 6.3470 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 226.4330, -2.4770, 6.3470 by changing the saturation by 10% instead.

■ 226.4330, -2.4770,
6.3470

■ 226.4330, -2.4770,
6.3470

255.0000, -0.0000,
-0.0000

■ 198.4330, -2.4770,
6.3470

■ 171.3190, -2.1560,
6.0360

■ 144.3190, -2.1560,
6.0360

■ 118.9060, -2.4310,
5.5130

■ 93.9060, -2.4310,
5.5130

■ 70.7920, -2.1100,
5.2020

■ 48.3790, -2.3850,

4.6790

■ 27.2650, -2.0640,
4.3680

■ 1.8240, -5.1360,
4.9760

■ 226.4330, -2.4770,
6.3470

■ 226.4330, -2.4770,
6.3470

■ 207.2620, -6.0090,
15.2950

■ 245.6040, 1.0550,
-2.6010

■ 188.0910, -9.5410,
24.2430

■ 253.2900, 4.8150,
-4.6650

■ 168.9200,
-13.0730, 33.1910

■ 149.7490,
-16.6050, 42.1390

■ 130.5780,
-20.1370, 51.0870

■ 111.4070,
-23.6690, 60.0350

■ 92.2360, -27.2010,
68.9830

■ 73.3640, -30.1370,
78.1430

■ 54.1930, -33.6690,
87.0910

Harmonies

Analogous

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



225.1330, -10.5000, 3.0680



226.4330, -2.4770, 6.3470



227.2660, 5.3630, 7.4350

Triad

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



226.4330, -2.4770, 6.3470



226.0140, 14.5800, 0.0840



222.9550, -13.2950, -6.8550

Complementary

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



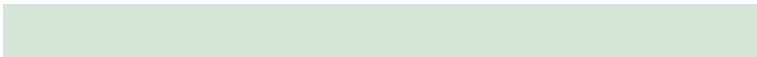
226.4330, -2.4770, 6.3470



236.5670, 2.4770, -6.3470

Split Complementary

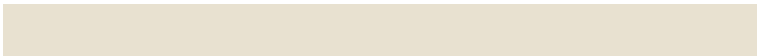
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.4350, -5.9590, -7.6470



226.4330, -2.4770, 6.3470



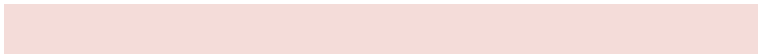
225.1550, 9.6290, -3.8030

Square

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



226.4330, -2.4770, 6.3470



226.8340, 15.2670, 4.1550



224.2680, 1.8810, -6.5590



222.6820, -16.7800, -4.2680

Rectangle

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



226.4330, -2.4770, 6.3470



227.4900, 10.5440, 7.1520



224.2680, 1.8810, -6.5590



223.2110, -11.1400, -7.3640

Sweetspot

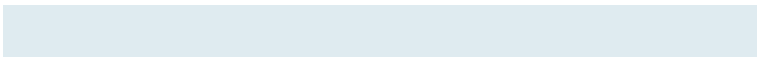
The Sweet Spot groups the original color and five complimentary colors.



226.4330, -2.4770, 6.3470



250.8690, -1.0090, 1.7670



231.9820, -8.7570, -0.9890



125.6410, -0.3670, 1.1450



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.



226.4330, -2.4770, 6.3470



239.0740, -2.8440, 7.4920



228.8250, 2.2910, 8.0430



110.2650, -2.0640, 4.3680



37.1220, -26.8800, 68.6720



11.4670, -7.8440, 21.0200

Inverse Universe

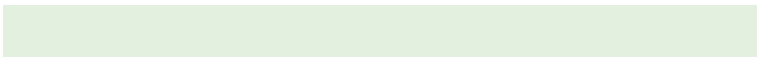
The Inverse Universe completely reimagines the original color for something new.



229.4510, 6.2800, 7.3360



242.5760, 7.4260, 8.5940



234.1750, -2.2910, -8.0430



112.5000, 4.5840, 5.0320



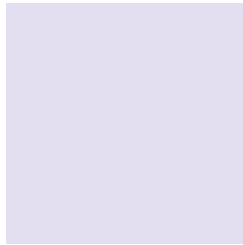
69.8360, 67.9340, 79.4380



21.3040, 20.5360, 24.3120

Previews

White Background



This preview shows how the YIQ color 226.4330, -2.4770, 6.3470 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 226.4330, -2.4770, 6.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

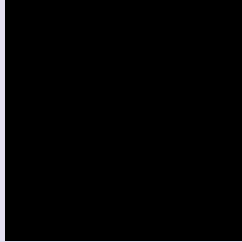
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

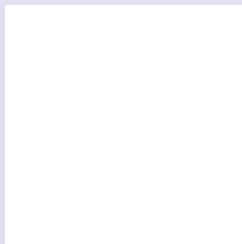
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 226.4330, -2.4770, 6.3470

Background



This preview shows how black text looks on a background with the YIQ color 226.4330, -2.4770, 6.3470.



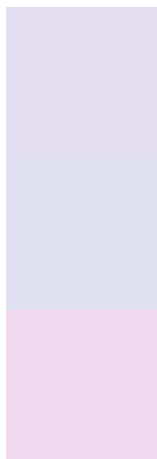
This preview shows how white text looks on a background with the YIQ color 226.4330, -2.4770,

6.3470.

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

226.4330, -2.4770, 6.3470

Protanopia

226.2370, -4.8610, 5.4990

Deuteranopia

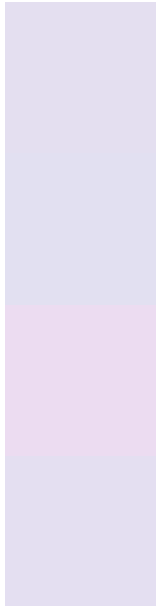
227.7870, 5.4540, 11.2940



Tritanopia

226.5470, -2.7980, 6.6580

Trichromacy



Original Color

226.4330, -2.4770, 6.3470

Protanomaly

226.5360, -4.2650, 5.7110

Deuteranomaly

227.1780, 2.7950, 9.9230

Tritanomaly

226.5470, -2.7980, 6.6580

Monochromacy



Original Color

226.4330, -2.4770, 6.3470

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

226.2820, -0.7340, 2.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.4330, -2.4770, 6.3470 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(228, 223, 240)` looks like.

```
.text, #text, p{  
    color:rgb(228, 223, 240)  
}
```

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(228, 223, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 223, 240) }
```

Border

The CSS property to change the border of an element to YIQ 226.4330, -2.4770, 6.3470 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(228, 223, 240) }
```


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

```
.border{ border-color:rgb(228, 223, 240) }
```

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

Here you see how a box with a 4 pixel rgb(228, 223, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 223, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 223, 240);  
box-shadow:4px 4px 4px 4px rgb(228, 223,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 226.4330, -2.4770, 6.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 223, 240) }
```

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

```
.background{ background-color: rgb(228,  
223, 240) }
```

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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