

Converting Colors

YIQ(228.7360, -7.7040, 7.4640)

Have a look what the booklet for
YIQ(228.7360, -7.7040, 7.4640)
contains.

YIQ(228.7360, -7.7040, 7.4640)	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(228.7360, -7.7040,
7.4640)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E2FA
RGB	226, 226, 250
RGB Percent	89%, 89%, 98%
CMY	0.1137, 0.1137, 0.0197
CMYK	0.10, 0.10, 0.00, 0.02
HSL	240°, 71%, 93%
HSV	240°, 10%, 98%
XYZ	75.8150, 77.4635, 101.3882
YIQ	228.7360, -7.7040, 7.4640

Conversions

Conversions Part 2

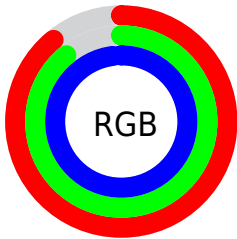
Format	Color
R _Y B	226, 226, 250
Decimal	14869242
CIE Lab	90.53, 4.50, -11.62
CIE LCh	91, 12.464, 291.188
Yxy	77.4635, 0.2977, 0.3042
Android (android.graphics.Color)	4293059322 (0xFFE2E2FA)
YUV	228.7360, 10.4832, -2.3995
Hunter-Lab	88.0133, -0.2629, -6.6907

Details

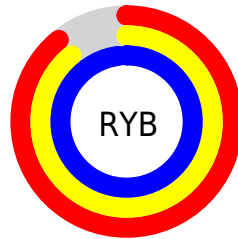
The YIQ color $228.7360, -7.7040, 7.4640$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $247.2640, 7.7040, -7.4640$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.6220, -7.3830, 7.1530$ is the 20% darker color. If you saturate the color by 10%, you get $206.5860, -15.7290, 15.2390$, and if you desaturate by 10%, it is $250.8860, 0.3210, -0.3110$.

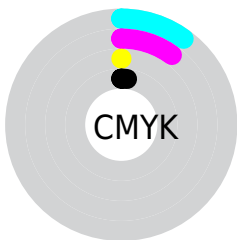
Distribution



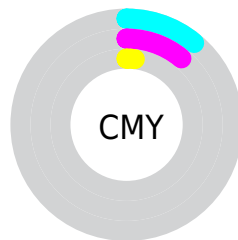
- Red (89%)
- Green (89%)
- Blue (98%)



- Red (89%)
- Yellow (89%)
- Blue (98%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)



- Cyan (11%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.7360, -7.7040, 7.4640 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 228.7360, -7.7040, 7.4640 by changing the saturation by 10% instead.

■ 228.7360, -7.7040,
7.4640

■ 228.7360, -7.7040,
7.4640

255.0000, -0.0000,
-0.0000

■ 200.6220, -7.3830,
7.1530

■ 173.6220, -7.3830,
7.1530

■ 146.5080, -7.0620,
6.8420

■ 121.0950, -7.3370,
6.3190

■ 95.9810, -7.0160,
6.0080

■ 72.2800, -6.4200,
6.2200

■ 49.7530, -6.3740,

5.3860

■ 28.6390, -6.0530,
5.0750

■ 2.7360, -7.7040,
7.4640

■ 228.7360, -7.7040,
7.4640

■ 228.7360, -7.7040,
7.4640

■ 206.5860,
-15.7290, 15.2390

■ 250.8860, 0.3210,
-0.3110

■ 184.4360,
-23.7540, 23.0140

■ 254.4300, 1.6050,
-1.5550

■ 162.2860,
-31.7790, 30.7890

■ 140.1360,
-39.8040, 38.5640

■ 117.9860,
-47.8290, 46.3390

■ 95.8360, -55.8540,
54.1140

■ 73.6860, -63.8790,
61.8890

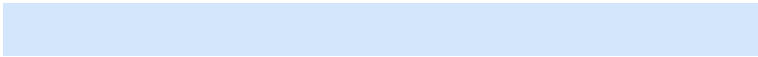
■ 51.5360, -71.9040,
69.6640

■ 29.3860, -79.9290,
77.4390

Harmonies

Analogous

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



226.7130, -18.0650, 2.5030



228.7360, -7.7040, 7.4640



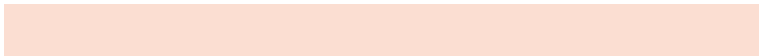
229.7760, 3.9870, 10.3470

Triad

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



228.7360, -7.7040, 7.4640



229.3030, 21.1360, 2.4160



224.4770, -14.9450, -9.9930

Complementary

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



228.7360, -7.7040, 7.4640



247.2640, 7.7040, -7.4640

Split Complementary

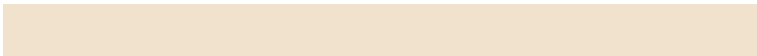
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.3380, -4.3080, -10.0360



228.7360, -7.7040, 7.4640



228.0910, 15.6810, -3.3510

Square

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



228.7360, -7.7040, 7.4640



230.1660, 20.2640, 7.2080



226.9650, 7.1080, -7.6760



224.0510, -22.3730, -7.5330

Rectangle

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



228.7360, -7.7040, 7.4640



230.7830, 11.2770, 10.3890



226.9650, 7.1080, -7.6760



224.3310, -11.5980, -10.0780

Sweetspot

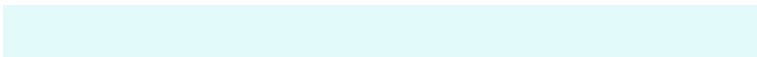
The Sweet Spot groups the original color and five complimentary colors.



228.7360, -7.7040, 7.4640



247.9120, -2.5680, 2.4880



242.8240, -14.3040, -5.0880



122.6840, -1.9260, 1.8660



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.



228.7360, -7.7040, 7.4640



227.5340, -9.9510, 9.6410



232.3240, -0.5520, 10.0080



113.4820, -4.1730, 4.0430



21.5460, -60.6690, 58.7790



6.9540, -19.5810, 18.9710

Inverse Universe

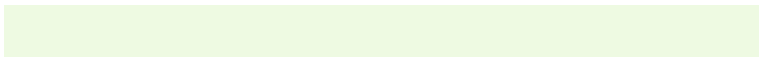
The Inverse Universe completely reimagines the original color for something new.



235.9120, 6.6000, 12.5520



236.8030, 8.5250, 16.2130



243.6760, 0.5520, -10.0080



117.3690, 3.5750, 6.7990



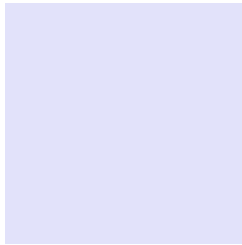
78.0570, 51.9750, 98.8470



25.1930, 16.7750, 31.9030

Previews

White Background



This preview shows how the YIQ color 228.7360, -7.7040, 7.4640 looks on a white background.

Color Contrast Check

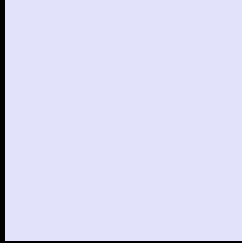
Large Text (above 18pt) WCAG AA × Fail

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 228.7360, -7.7040, 7.4640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

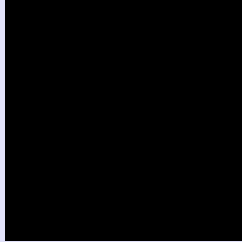
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.7360, -7.7040, 7.4640

Background



This preview shows how black text looks on a background with the YIQ color 228.7360, -7.7040, 7.4640.



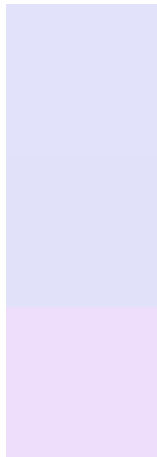
This preview shows how white text looks on a background with the YIQ color 228.7360, -7.7040,

7.4640.

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

228.7360, -7.7040, 7.4640

Protanopia

228.4370, -8.3000, 7.2520

Deuteranopia

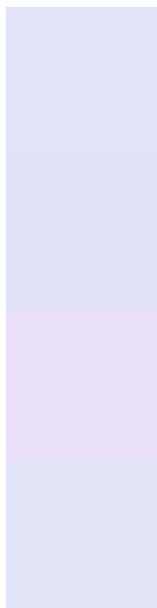
230.3890, 0.8230, 12.6230



Tritanopia

228.4540, -6.9700, 5.1740

Trichromacy



Original Color

228.7360, -7.7040, 7.4640

Protanomaly

228.4370, -8.3000, 7.2520

Deuteranomaly

229.4810, -2.4320, 11.0400

Tritanomaly

228.6820, -7.6120, 5.7960

Monochromacy



Original Color

228.7360, -7.7040, 7.4640

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

229.0260, -2.8890, 2.7990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.7360, -7.7040, 7.4640 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(226, 226, 250)` looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 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(226, 226, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 250) }
```

Border

The CSS property to change the border of an element to YIQ 228.7360, -7.7040, 7.4640 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(226, 226, 250) }
```


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

```
.border{ border-color:rgb(226, 226, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 226, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 226, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 226, 250);  
box-shadow:4px 4px 4px 4px rgb(226, 226,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 228.7360, -7.7040, 7.4640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 226, 250) }
```

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

```
.background{ background-color: rgb(226,  
226, 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