

Converting Colors

YIQ(227.9440, 3.5740, 12.3260)

Have a look what the booklet for
YIQ(227.9440, 3.5740, 12.3260)
contains.

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Color

**YIQ(227.9440, 3.5740,
12.3260)**

Conversions

Conversions Part 1

Format	Color
Hex	EFDBF5
RGB	239, 219, 245
RGB Percent	94%, 86%, 96%
CMY	0.0627, 0.1412, 0.0392
CMYK	0.02, 0.11, 0.00, 0.04
HSL	286°, 57%, 91%
HSV	286°, 11%, 96%
XYZ	77.4126, 75.6047, 96.8981
YIQ	227.9440, 3.5740, 12.3260

Conversions

Conversions Part 2

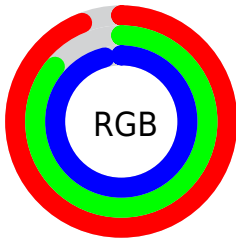
Format	Color
R _Y B	239, 219, 245
Decimal	15719413
CIE Lab	89.68, 11.44, -10.18
CIE LCh	90, 15.312, 318.353
Yxy	75.6047, 0.3098, 0.3025
Android (android.graphics.Color)	4293909493 (0xFFEFDBF5)
YUV	227.9440, 8.4086, 9.6961
Hunter-Lab	86.9510, 6.7547, -5.2070

Details

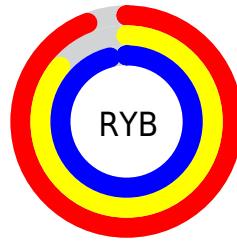
The YIQ color $227.9440, 3.5740, 12.3260$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $236.0560, -3.5740, -12.3260$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $172.5310, 3.2990, 11.8030$ is the 20% darker color. If you saturate the color by 10%, you get $211.4750, 6.8730, 24.1290$, and if you desaturate by 10%, it is $243.8260, 0.5500, 1.0460$.

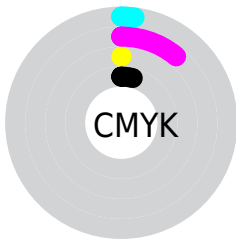
Distribution



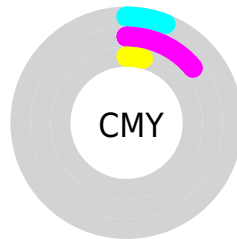
- Red (94%)
- Green (86%)
- Blue (96%)



- Red (94%)
- Yellow (86%)
- Blue (96%)



- Cyan (2%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (6%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.9440, 3.5740, 12.3260 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 227.9440, 3.5740, 12.3260 by changing the saturation by 10% instead.

■ 227.9440, 3.5740,
12.3260

■ 227.9440, 3.5740,
12.3260

255.0000, -0.0000,
-0.0000

■ 199.9440, 3.5740,
12.3260

■ 172.5310, 3.2990,
11.8030

■ 146.1180, 3.0240,
11.2800

■ 120.0040, 3.3450,
10.9690

■ 95.5910, 3.0700,
10.4460

■ 71.2920, 2.4740,
10.2340

■ 48.8790, 2.1990,

9.7110

■ 28.3520, 2.2450,
8.8770

■ 6.7650, 2.5200,
9.4000

■ 227.9440, 3.5740,
12.3260

■ 227.9440, 3.5740,
12.3260

■ 211.4750, 6.8730,
24.1290

■ 243.8260, 0.5500,
1.0460

■ 195.8920, 10.4930,
35.6210

■ 252.3650, 0.2300,
-4.1700

■ 179.4230, 13.7920,
47.4240

■ 253.8600, 3.2100,
-3.1100

■ 163.5410, 16.8160,
58.7040

■ 147.3710, 20.7110,
70.7190

■ 131.4890, 23.7350,
81.9990

■ 115.3190, 27.6300,
94.0140

■ 99.4370, 30.6540,
105.2940

■ 84.4410, 33.9990,
116.2630

Harmonies

Analogous

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



226.4090, -11.0970, 8.3830



227.9440, 3.5740, 12.3260



228.5880, 16.3200, 12.6080

Triad

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



227.9440, 3.5740, 12.3260



225.4290, 20.5410, -3.3230



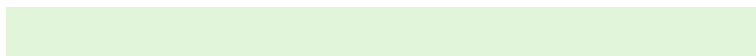
220.5450, -26.8200, -9.5400

Complementary

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



227.9440, 3.5740, 12.3260



236.0560, -3.5740, -12.3260

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.



220.9280, -17.8330, -12.7210



227.9440, 3.5740, 12.3260



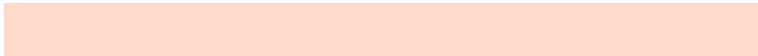
223.9930, 9.9050, -8.8070

Square

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



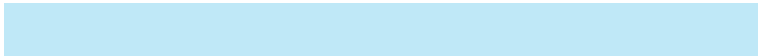
227.9440, 3.5740, 12.3260



227.1680, 25.9500, 3.2780



222.1700, -3.8950, -12.0150



221.4510, -29.2510, -4.0270

Rectangle

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



227.9440, 3.5740, 12.3260



227.7580, 21.5930, 10.6570



222.1700, -3.8950, -12.0150



220.2740, -24.6190, -10.8830

Sweetspot

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



227.9440, 3.5740, 12.3260



249.7060, 1.0080, 3.7600



225.4860, -9.9960, 4.9480



123.8800, 0.4580, 2.7140



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.



227.9440, 3.5740, 12.3260



233.2370, 4.3070, 15.5630



228.9400, 9.3970, 11.4210



114.3580, 2.1080, 5.8520



63.9610, 25.5220, 88.1620



20.1810, 7.8810, 27.8890

Inverse Universe

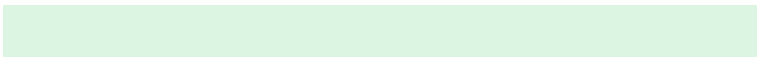
The Inverse Universe completely reimagines the original color for something new.



227.4580, 13.5700, 7.3780



232.6650, 17.4210, 9.1730



235.0600, -9.3970, -11.4210



113.9300, 6.1890, 3.4770



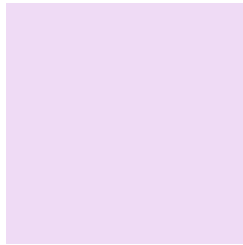
60.5160, 97.0530, 52.8050



19.1230, 30.9910, 16.5510

Previews

White Background



This preview shows how the YIQ color 227.9440, 3.5740, 12.3260 looks on a white background.

Color Contrast Check

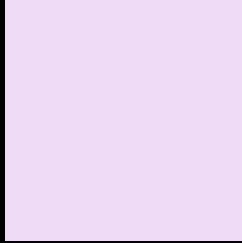
Large Text (above 18pt) WCAG AA × Fail

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 227.9440, 3.5740, 12.3260 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 227.9440, 3.5740, 12.3260

Background



This preview shows how black text looks on a background with the YIQ color 227.9440, 3.5740, 12.3260.



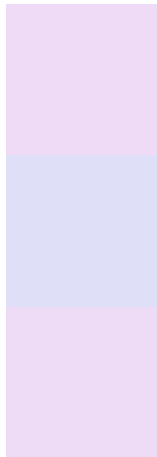
This preview shows how white text looks on a background with the YIQ color 227.9440, 3.5740,

12.3260.

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

227.9440, 3.5740, 12.3260

Protanopia

226.4370, -8.3000, 7.2520

Deuteranopia

227.6450, 2.9780, 12.1140



Tritanopia

227.4340, 4.9500, 9.4140

Trichromacy



Original Color

227.9440, 3.5740, 12.3260

Protanomaly

226.9430, -3.8530, 9.2590

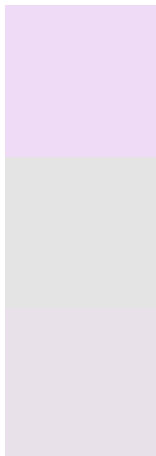
Deuteranomaly

227.6450, 2.9780, 12.1140

Tritanomaly

227.7760, 3.9870, 10.3470

Monochromacy



Original Color

227.9440, 3.5740, 12.3260

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.1190, 1.2830, 4.2830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.9440, 3.5740, 12.3260 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, 219, 245)` looks like.

```
.text, #text, p{  
    color:rgb(239, 219, 245)  
}
```

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, 219, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 219, 245) }
```

Border

The CSS property to change the border of an element to YIQ 227.9440, 3.5740, 12.3260 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, 219, 245) }
```


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

```
.border{ border-color:rgb(239, 219, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 219, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 219, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 219, 245);  
box-shadow:4px 4px 4px 4px rgb(239, 219,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 227.9440, 3.5740, 12.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 219, 245) }
```

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

```
.background{ background-color: rgb(239,  
219, 245) }
```

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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