

Converting Colors

YIQ(235.7260, -1.7440, 9.5840)

Have a look what the booklet for
YIQ(235.7260, -1.7440, 9.5840)
contains.

YIQ(235.7260, -1.7440, 9.5840)	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(235.7260, -1.7440,
9.5840)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E6FE
RGB	240, 230, 254
RGB Percent	94%, 90%, 100%
CMY	0.0588, 0.0980, 0.0039
CMYK	0.06, 0.09, 0.00, 0.00
HSL	265°, 92%, 95%
HSV	265°, 9%, 100%
XYZ	82.1225, 82.2737, 105.3125
YIQ	235.7260, -1.7440, 9.5840

Conversions

Conversions Part 2

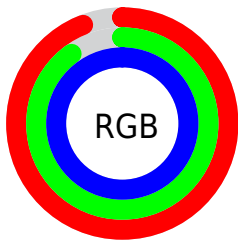
Format	Color
R _Y B	240, 230, 254
Decimal	15787774
CIE Lab	92.70, 7.71, -10.38
CIE LCh	93, 12.932, 306.591
Yxy	82.2737, 0.3045, 0.3050
Android (android.graphics.Color)	4293977854 (0xFFFF0E6FE)
YUV	235.7260, 9.0091, 3.7483
Hunter-Lab	90.7048, 2.8773, -5.3451

Details

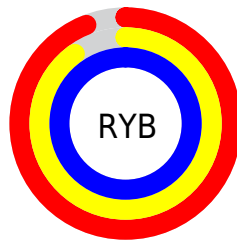
The YIQ color $235.7260, -1.7440, 9.5840$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $248.2740, 1.7440, -9.5840$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.1990, -1.6980, 8.7500$ is the 20% darker color. If you saturate the color by 10%, you get $216.5660, -3.8090, 19.4790$, and if you desaturate by 10%, it is $254.8860, 0.3210, -0.3110$.

Distribution



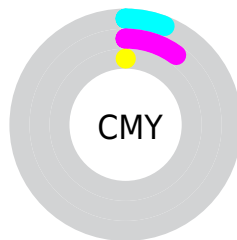
- Red (94%)
- Green (90%)
- Blue (100%)



- Red (94%)
- Yellow (90%)
- Blue (100%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.7260, -1.7440, 9.5840 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 235.7260, -1.7440, 9.5840 by changing the saturation by 10% instead.

■ 235.7260, -1.7440,
9.5840

■ 235.7260, -1.7440,
9.5840

255.0000, -0.0000,
-0.0000

■ 207.6120, -1.4230,
9.2730

■ 180.1990, -1.6980,
8.7500

■ 153.1990, -1.6980,
8.7500

■ 127.1990, -1.6980,
8.7500

■ 102.0850, -1.3770,
8.4390

■ 78.2590, -1.9270,
7.3930

■ 55.2590, -1.9270,

7.3930

■ 34.0310, -1.2850,
6.7710

■ 11.0960, 0.0900,
9.3860

■ 235.7260, -1.7440,
9.5840

■ 235.7260, -1.7440,
9.5840

■ 216.5660, -3.8090,
19.4790

254.8860, 0.3210,
-0.3110

■ 196.8190, -5.5990,
29.8970

■ 177.9580, -7.0680,
40.0040

■ 158.2110, -8.8580,
50.4220

■ 139.0510,
-10.9230, 60.3170

■ 119.8910,
-12.9880, 70.2120

■ 100.1440,
-14.7780, 80.6300

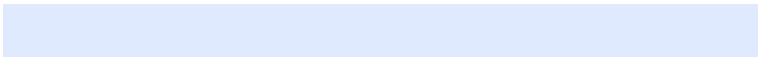
■ 81.2830, -16.2470,
90.7370

■ 61.5360, -18.0370,
101.1550

Harmonies

Analogous

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



233.4040, -12.7010, 4.4110



235.7260, -1.7440, 9.5840



236.7120, 10.0390, 10.7990

Triad

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



235.7260, -1.7440, 9.5840



234.8250, 19.4860, -0.7220



230.2530, -20.1260, -9.7100

Complementary

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



235.7260, -1.7440, 9.5840



248.2740, 1.7440, -9.5840

Split Complementary

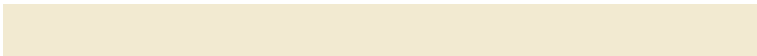
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.9890, -10.6350, -11.0110



235.7260, -1.7440, 9.5840



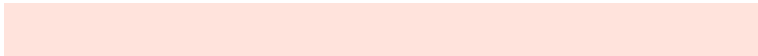
233.5420, 12.7930, -6.0790

Square

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



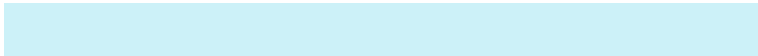
235.7260, -1.7440, 9.5840



234.5740, 18.9350, 3.7590



231.9750, 1.1480, -9.7960



230.7350, -24.2990, -5.6670

Rectangle

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



235.7260, -1.7440, 9.5840



235.8110, 14.0740, 9.2580



231.9750, 1.1480, -9.7960



229.8080, -17.3750, -10.0070

Sweetspot

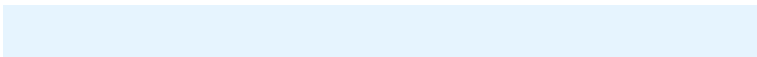
The Sweet Spot groups the original color and five complimentary colors.



235.7260, -1.7440, 9.5840



249.1080, -0.1840, 3.3360



240.9540, -11.5540, 0.1420



123.5810, -0.1380, 2.5020



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.



235.7260, -1.7440, 9.5840



233.7800, -1.8360, 11.2520



239.3140, 5.4080, 12.1280



117.9770, -1.1930, 5.1030



45.6940, -13.6310, 76.3610



15.3690, -4.4520, 25.6280

Inverse Universe

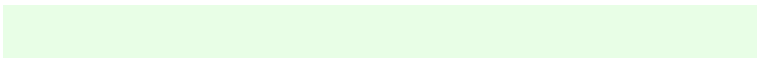
The Inverse Universe completely reimagines the original color for something new.



238.7720, 9.8100, 9.4420



237.1960, 11.5520, 10.9120



244.6860, -5.4080, -12.1280



119.6850, 5.5010, 4.9330



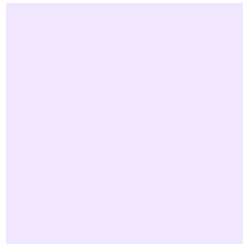
69.7630, 78.2050, 75.0130



23.3540, 26.2670, 25.0750

Previews

White Background



This preview shows how the YIQ color 235.7260, -1.7440, 9.5840 looks on a white background.

Color Contrast Check

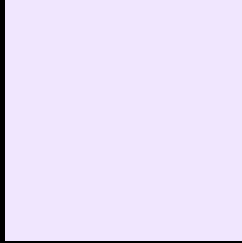
Large Text (above 18pt) WCAG AA × Fail

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 235.7260, -1.7440, 9.5840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

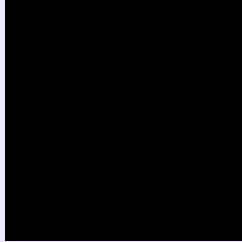
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 235.7260, -1.7440, 9.5840

Background



This preview shows how black text looks on a background with the YIQ color 235.7260, -1.7440, 9.5840.



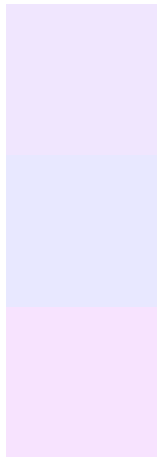
This preview shows how white text looks on a background with the YIQ color 235.7260, -1.7440,

9.5840.

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

235.7260, -1.7440, 9.5840

Protanopia

234.6220, -7.3830, 7.1530

Deuteranopia

236.0580, 3.2530, 12.6370



Tritanopia

235.4440, -1.0100, 7.2940

Trichromacy



Original Color

235.7260, -1.7440, 9.5840

Protanomaly

234.9320, -5.3200, 8.3120

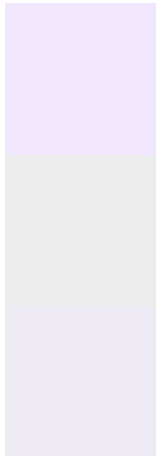
Deuteranomaly

235.7480, 1.1900, 11.4780

Tritanomaly

235.6720, -1.6520, 7.9160

Monochromacy



Original Color

235.7260, -1.7440, 9.5840

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

235.9230, -1.1010, 3.4350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.7260, -1.7440, 9.5840 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(240, 230, 254)` looks like.

```
.text, #text, p{  
    color:rgb(240, 230, 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(240, 230, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 230, 254) }
```

Border

The CSS property to change the border of an element to YIQ 235.7260, -1.7440, 9.5840 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(240, 230, 254) }
```


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

```
.border{ border-color:rgb(240, 230, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 230, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 230, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 230, 254);  
box-shadow:4px 4px 4px 4px rgb(240, 230,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 235.7260, -1.7440, 9.5840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 230, 254) }
```

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

```
.background{ background-color: rgb(240,  
230, 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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