

Converting Colors

YIQ(235.1270, 16.0000, 7.3920)

Have a look what the booklet for
YIQ(235.1270, 16.0000, 7.3920)
contains.

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Color

**YIQ(235.1270, 16.0000,
7.3920)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2E6
RGB	255, 226, 230
RGB Percent	100%, 89%, 90%
CMY	0.0000, 0.1137, 0.0980
CMYK	0.00, 0.11, 0.10, 0.00
HSL	352°, 100%, 94%
HSV	352°, 11%, 100%
XYZ	82.7181, 81.3601, 86.2186
YIQ	235.1270, 16.0000, 7.3920

Conversions

Conversions Part 2

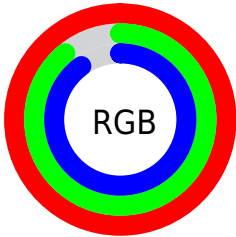
Format	Color
R _Y B	255, 226, 230
Decimal	16769766
CIE Lab	92.29, 10.60, 1.68
CIE LCh	92, 10.730, 9.003
Yxy	81.3601, 0.3305, 0.3251
Android (android.graphics.Color)	4294959846 (0xFFFFE2E6)
YUV	235.1270, -2.5276, 17.4286
Hunter-Lab	90.1998, 5.8444, 6.4668

Details

The YIQ color $235.1270, 16.0000, 7.3920$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $245.8730, -16.0000, -7.3920$, and the grayscale version is $235.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $179.5290, 14.8080, 6.9680$ is the 20% darker color. If you saturate the color by 10%, you get $217.3570, 30.2120, 14.1480$, and if you desaturate by 10%, it is $252.3100, 2.0630, 1.1590$.

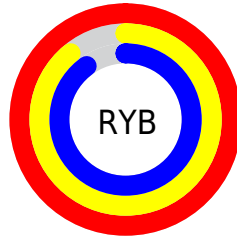
Distribution



Red (100%)

Green (89%)

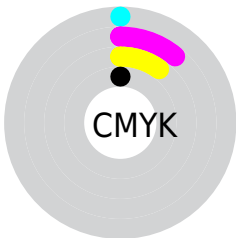
Blue (90%)



Red (100%)

Yellow (89%)

Blue (90%)

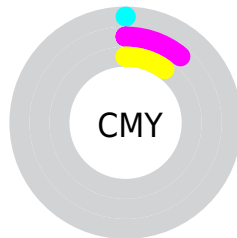


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 235.1270, 16.0000, 7.3920 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 235.1270, 16.0000, 7.3920 by changing the saturation by 10% instead.


 235.1270, 16.0000,
7.3920


 235.1270, 16.0000,
7.3920


255.0000, -0.0000,
-0.0000


 206.8280, 15.4040,
7.1800

 179.5290, 14.8080,
6.9680

 152.5290, 14.8080,
6.9680

 126.2300, 14.2120,
6.7560

 101.5180, 13.3410,
6.0210

 77.3330, 12.4240,
6.1200

 54.6210, 11.5530,

5.3850

■ 33.3220, 10.9570,
5.1730

■ 8.9420, 15.0830,
7.4910

■ 235.1270, 16.0000,
7.3920

■ 235.1270, 16.0000,
7.3920

■ 217.3570, 30.2120,
14.1480

■ 252.3100, 2.0630,
1.1590

■ 200.1740, 44.1490,
20.3810

255.0000, -0.0000,
-0.0000

■ 182.4040, 58.3610,
27.1370

■ 165.2210, 72.2980,
33.3700

■ 147.4510, 86.5100,
40.1260

■ 130.2680,
100.4470, 46.3590

■ 112.4980,
114.6590, 53.1150

■ 95.3150, 128.5960,
59.3480

■ 80.2350, 140.7450,
64.9450

Harmonies

Analogous

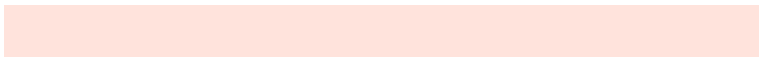
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.0600, 8.9390, 8.7070



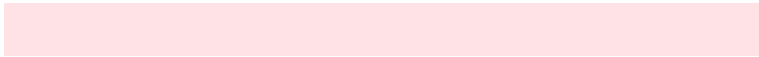
235.1270, 16.0000, 7.3920



234.5740, 18.9350, 3.7590

Triad

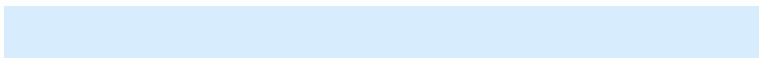
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.1270, 16.0000, 7.3920



230.8440, 0.1390, -8.0290



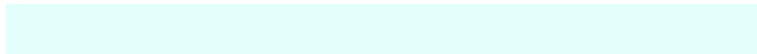
231.5450, -17.6520, 0.5240

Complementary

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



235.1270, 16.0000, 7.3920



245.8730, -16.0000, -7.3920

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.



229.8280, -20.1270, -4.1830



235.1270, 16.0000, 7.3920



229.6410, -9.5350, -8.9190

Square

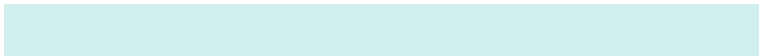
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.1270, 16.0000, 7.3920



232.2150, 9.4000, -5.1600



229.6880, -16.9170, -7.2930



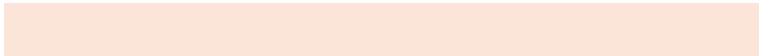
233.1870, -10.5920, 4.7360

Rectangle

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



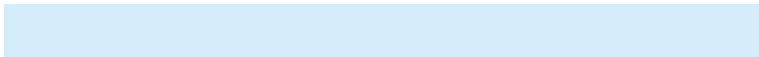
235.1270, 16.0000, 7.3920



234.0960, 17.2850, 0.6210



229.6880, -16.9170, -7.2930



231.0070, -19.0730, -1.2570

Sweetspot

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



235.1270, 16.0000, 7.3920



249.5060, 4.4470, 2.0070



236.7810, 5.5910, 14.3190



123.9080, 3.2550, 1.5830



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

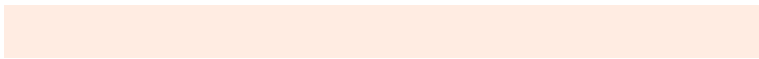
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.1270, 16.0000, 7.3920



230.3340, 19.8510, 9.1870



240.5410, 14.5340, 0.9180



119.1150, 7.1060, 3.3780



60.1870, 105.1690, 48.8890



20.1620, 35.2550, 16.3670

Inverse Universe

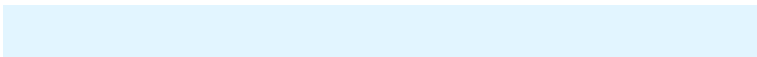
The Inverse Universe completely reimagines the original color for something new.



235.1270, 16.0000, 7.3920



230.3340, 19.8510, 9.1870



240.4590, -14.5340, -0.9180



119.1150, 7.1060, 3.3780



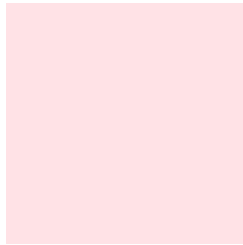
60.1870, 105.1690, 48.8890



20.1620, 35.2550, 16.3670

Previews

White Background



This preview shows how the YIQ color 235.1270, 16.0000, 7.3920 looks on a white background.

Color Contrast Check

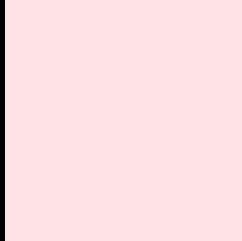
Large Text (above 18pt) WCAG AA × Fail

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 235.1270, 16.0000, 7.3920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

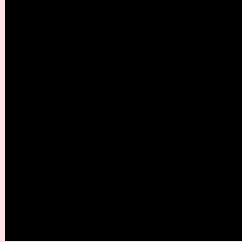
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 235.1270, 16.0000, 7.3920

Background



This preview shows how black text looks on a background with the YIQ color 235.1270, 16.0000, 7.3920.



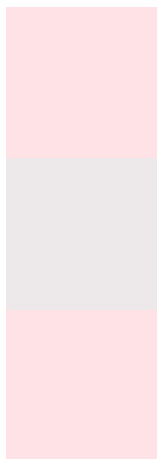
This preview shows how white text looks on a background with the YIQ color 235.1270, 16.0000,

7.3920.

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

235.1270, 16.0000, 7.3920

Protanopia

233.6090, 2.6590, 1.3710

Deuteranopia

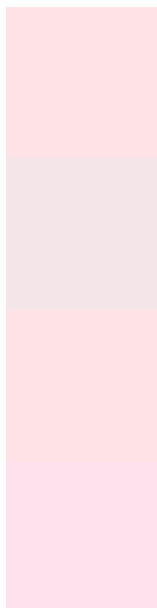
235.1270, 16.0000, 7.3920



Tritanopia

235.7940, 12.7440, 11.3360

Trichromacy



Original Color

235.1270, 16.0000, 7.3920

Protanomaly

234.4140, 7.7020, 3.5900

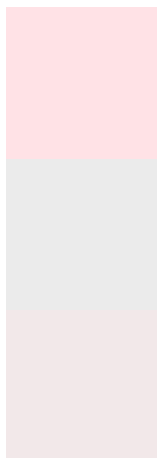
Deuteranomaly

235.1270, 16.0000, 7.3920

Tritanomaly

235.3380, 14.0280, 10.0920

Monochromacy



Original Color

235.1270, 16.0000, 7.3920

Achromatopsia

235.0000, 0.0000, -0.0000

Achromatomaly

235.1040, 5.6390, 2.4310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.1270, 16.0000, 7.3920 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(255, 226, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 230)  
}
```

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(255, 226, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 230) }
```

Border

The CSS property to change the border of an element to YIQ 235.1270, 16.0000, 7.3920 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(255, 226, 230) }
```


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

```
.border{ border-color:rgb(255, 226, 230) }
```

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

Here you see how a box with a 4 pixel rgb(255, 226, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 235.1270, 16.0000, 7.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 230) }
```

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

```
.background{ background-color: rgb(255,  
226, 230) }
```

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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