

Converting Colors

YIQ(233.2760, 8.5710, 15.3790)

Have a look what the booklet for
YIQ(233.2760, 8.5710, 15.3790)
contains.

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Color

**YIQ(233.2760, 8.5710,
15.3790)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FBDDFA |
| RGB | 251, 221, 250 |
| RGB Percent | 98%, 87%, 98% |
| CMY | 0.0156, 0.1334, 0.0196 |
| CMYK | 0.00, 0.12, 0.00, 0.02 |
| HSL | 302°, 79%, 93% |
| HSV | 302°, 12%, 98% |
| XYZ | 82.9008, 79.1221, 101.3476 |
| YIQ | 233.2760, 8.5710, 15.3790 |

Conversions

Conversions Part 2

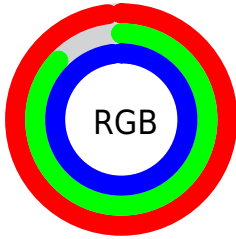
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 251, 221, 250 |
| Decimal | 16506362 |
| CIE Lab | 91.29, 15.27, -10.29 |
| CIE LCh | 91, 18.415, 326.014 |
| Yxy | 79.1221, 0.3148, 0.3004 |
| Android (android.graphics.Color) | 4294696442 (0xFFFBDDFA) |
| YUV | 233.2760, 8.2449, 15.5439 |
| Hunter-Lab | 88.9506, 10.6962, -5.2879 |

Details

The YIQ color $233.2760, 8.5710, 15.3790$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $238.7240, -8.5710, -15.3790$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $177.5640, 7.7000, 14.6440$ is the 20% darker color. If you saturate the color by 10%, you get $218.4870, 15.7670, 28.1430$, and if you desaturate by 10%, it is $248.0650, 1.3750, 2.6150$.

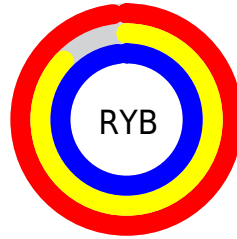
Distribution



Red (98%)

Green (87%)

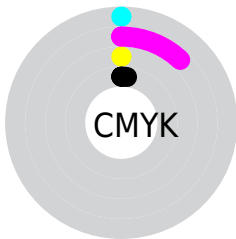
Blue (98%)



Red (98%)

Yellow (87%)

Blue (98%)

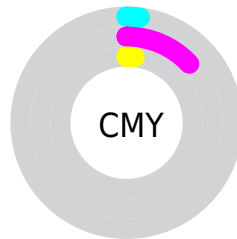


Cyan (0%)

Magenta (12%)

Yellow (0%)

Black (2%)



Cyan (2%)

Magenta (13%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 233.2760, 8.5710, 15.3790 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 233.2760, 8.5710, 15.3790 by changing the saturation by 10% instead.

233.2760, 8.5710,
15.3790

233.2760, 8.5710,
15.3790

255.0000, -0.0000,
-0.0000

204.8630, 8.2960,
14.8560

177.5640, 7.7000,
14.6440

150.4500, 8.0210,
14.3330

125.0370, 7.7460,
13.8100

99.6240, 7.4710,
13.2870

75.9120, 6.6000,
12.5520

52.4990, 6.3250,

12.0290

■ 31.0860, 6.0500,
11.5060

■ 10.2110, 7.1960,
12.7640

■ 233.2760, 8.5710,
15.3790

■ 233.2760, 8.5710,
15.3790

■ 218.4870, 15.7670,
28.1430

■ 248.0650, 1.3750,
2.6150

■ 203.6980, 22.9630,
40.9070

■ 253.4620, -1.4210,
-1.7810

■ 188.9090, 30.1590,
53.6710

■ 253.5760, -1.7420,
-1.4700

■ 174.2340, 37.0340,
66.7460

■ 253.6900, -2.0630,
-1.1590

■ 158.8580, 44.5050,
80.0330

■ 253.8040, -2.3840,
-0.8480

■ 144.0690, 51.7010,
92.7970

■ 129.2800, 58.8970,
105.5610

■ 114.4910, 66.0930,
118.3250

■ 102.6370, 71.9140,
128.4740

Harmonies

Analogous

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



230.8010, -6.3290, 10.0790



233.2760, 8.5710, 15.3790



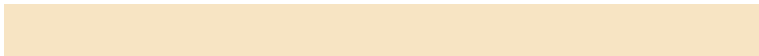
230.7730, 17.2370, 12.5090

Triad

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



233.2760, 8.5710, 15.3790



229.9190, 21.9170, -6.2350



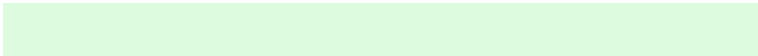
223.8260, -34.9810, -10.3170

Complementary

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



233.2760, 8.5710, 15.3790



238.7240, -8.5710, -15.3790

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.



223.8670, -25.0310, -14.4310



233.2760, 8.5710, 15.3790



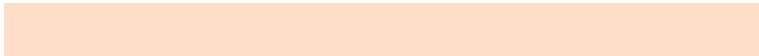
227.8030, 7.3840, -12.6800

Square

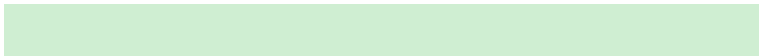
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.2760, 8.5710, 15.3790



229.4730, 26.4090, 0.4650



225.5390, -9.4880, -15.2800



224.9990, -33.7900, -4.3660

Rectangle

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



233.2760, 8.5710, 15.3790



229.4050, 21.0890, 8.7770



225.5390, -9.4880, -15.2800



223.4410, -32.4590, -11.9710

Sweetspot

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



233.2760, 8.5710, 15.3790



249.1300, 2.7500, 5.2300



224.7190, -9.0340, 9.5420



123.7770, 2.2460, 3.3500



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.



233.2760, 8.5710, 15.3790



233.7540, 10.2210, 18.5170



231.5660, 13.3860, 10.7140



117.3690, 3.5750, 6.7990



77.2590, 54.2220, 96.6700



24.9650, 17.4170, 31.2810

Inverse Universe

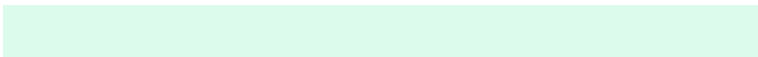
The Inverse Universe completely reimagines the original color for something new.



233.2760, 8.5710, 15.3790



233.7540, 10.2210, 18.5170



240.4340, -13.3860, -10.7140



117.3690, 3.5750, 6.7990



77.2590, 54.2220, 96.6700



24.9650, 17.4170, 31.2810

Previews

White Background



This preview shows how the YIQ color 233.2760, 8.5710, 15.3790 looks on a white background.

Color Contrast Check

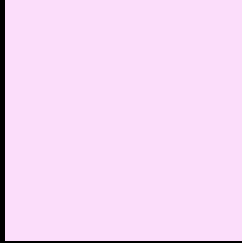
Large Text (above 18pt) WCAG AA × Fail

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 233.2760, 8.5710, 15.3790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

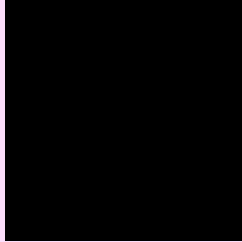
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 233.2760, 8.5710, 15.3790

Background



This preview shows how black text looks on a background with the YIQ color 233.2760, 8.5710, 15.3790.



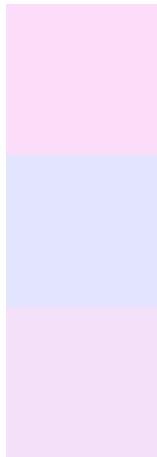
This preview shows how white text looks on a background with the YIQ color 233.2760, 8.5710,

15.3790.

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

233.2760, 8.5710, 15.3790

Protanopia

231.3660, -9.5380, 7.6620

Deuteranopia

232.8300, 3.8950, 12.0150



Tritanopia

233.0110, 10.6350, 11.0110

Trichromacy



Original Color

233.2760, 8.5710, 15.3790

Protanomaly

232.0680, -2.7070, 10.5170

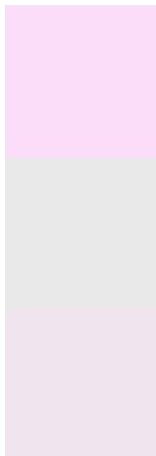
Deuteranomaly

233.1400, 5.9580, 13.1740

Tritanomaly

232.8800, 9.6260, 12.7780

Monochromacy



Original Color

233.2760, 8.5710, 15.3790

Achromatopsia

233.0000, -0.0000, -0.0000

Achromatomaly

233.4290, 3.3460, 5.4420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 233.2760, 8.5710, 15.3790 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(251, 221, 250)` looks like.

```
.text, #text, p{  
    color:rgb(251, 221, 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(251, 221, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 221, 250) }
```

Border

The CSS property to change the border of an element to YIQ 233.2760, 8.5710, 15.3790 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(251, 221, 250) }
```


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

```
.border{ border-color:rgb(251, 221, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 221, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 221, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 221, 250);  
box-shadow:4px 4px 4px 4px rgb(251, 221,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 233.2760, 8.5710, 15.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 221, 250) }
```

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

```
.background{ background-color: rgb(251,  
221, 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](#).

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