

Converting Colors

YIQ(230.7830, 11.2770, 10.3890)

Have a look what the booklet for
YIQ(230.7830, 11.2770, 10.3890)
contains.

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Color

**YIQ(230.7830, 11.2770,
10.3890)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DDEC
RGB	248, 221, 236
RGB Percent	97%, 87%, 93%
CMY	0.0274, 0.1334, 0.0745
CMYK	0.00, 0.11, 0.05, 0.03
HSL	327°, 66%, 92%
HSV	327°, 11%, 97%
XYZ	79.7131, 77.7234, 90.1641
YIQ	230.7830, 11.2770, 10.3890

Conversions

Conversions Part 2

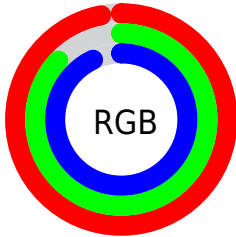
Format	Color
R _Y B	248, 221, 236
Decimal	16309740
CIE Lab	90.65, 11.81, -3.93
CIE LCh	91, 12.442, 341.608
Yxy	77.7234, 0.3219, 0.3139
Android (android.graphics.Color)	4294499820 (0xFFFF8DDEC)
YUV	230.7830, 2.5720, 15.0993
Hunter-Lab	88.1609, 7.1140, 1.0754

Details

The YIQ color $230.7830, 11.2770, 10.3890$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $238.2170, -11.2770, -10.3890$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $175.3700, 11.0020, 9.8660$ is the 20% darker color. If you saturate the color by 10%, you get $214.8540, 21.6830, 20.0430$, and if you desaturate by 10%, it is $246.7120, 0.8710, 0.7350$.

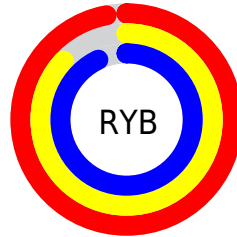
Distribution



Red (97%)

Green (87%)

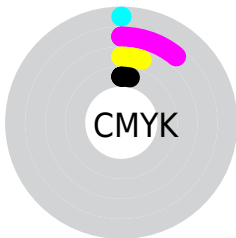
Blue (93%)



Red (97%)

Yellow (87%)

Blue (93%)

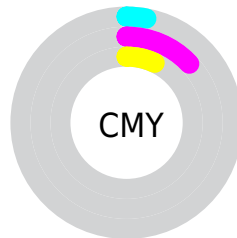


Cyan (0%)

Magenta (11%)

Yellow (5%)

Black (3%)



Cyan (3%)


Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 230.7830, 11.2770, 10.3890 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 230.7830, 11.2770, 10.3890 by changing the saturation by 10% instead.


 230.7830, 11.2770,
10.3890


 230.7830, 11.2770,
10.3890


255.0000, -0.0000,
-0.0000


 202.4840, 10.6810,
10.1770

 175.3700, 11.0020,
9.8660

 148.6580, 10.1310,
9.1310

 122.7720, 9.8100,
9.4420

 97.3590, 9.5350,
8.9190

 74.0600, 8.9390,
8.7070

 51.3480, 8.0680,

7.9720

■ 29.9350, 7.7930,
7.4490

■ 8.2450, 9.8560,
8.6080

■ 230.7830, 11.2770,
10.3890

■ 230.7830, 11.2770,
10.3890

■ 214.8540, 21.6830,
20.0430

■ 246.7120, 0.8710,
0.7350

■ 198.9250, 32.0890,
29.6970

■ 252.9070, -4.1720,
-1.4840

■ 183.5830, 42.2200,
38.8280

■ 167.6540, 52.6260,
48.4820

■ 151.7250, 63.0320,
58.1360

■ 135.7960, 73.4380,
67.7900

■ 119.8670, 83.8440,
77.4440

■ 104.5250, 93.9750,
86.5750

■ 89.8840, 103.5100,
95.4940

Harmonies

Analogous

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



230.0960, 0.0900, 9.3860



230.7830, 11.2770, 10.3890



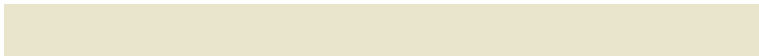
230.6220, 18.9800, 8.4520

Triad

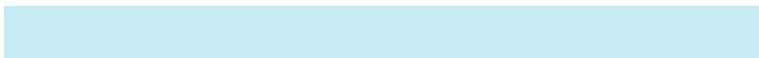
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.7830, 11.2770, 10.3890



227.4600, 10.0880, -6.6160



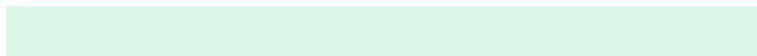
224.9740, -23.4740, -4.0980

Complementary

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



230.7830, 11.2770, 10.3890



238.2170, -11.2770, -10.3890

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.



224.3070, -20.2180, -8.0420



230.7830, 11.2770, 10.3890



225.6050, -0.6860, -9.5980

Square

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



230.7830, 11.2770, 10.3890



228.8140, 18.0190, -1.6690



224.9180, -11.8730, -10.6010



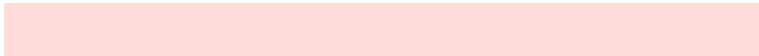
226.2890, -19.8070, 1.0330

Rectangle

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



230.7830, 11.2770, 10.3890



230.2970, 21.2730, 5.4410



224.9180, -11.8730, -10.6010



224.8060, -23.0610, -6.0770

Sweetspot

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



230.7830, 11.2770, 10.3890



249.9620, 3.1630, 3.2510



227.6660, -1.5150, 10.9410



124.1360, 2.6130, 2.2050



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

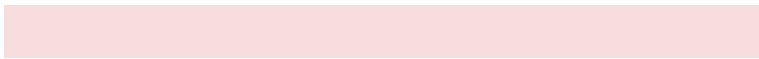
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.7830, 11.2770, 10.3890



233.9190, 13.8900, 12.5940



229.3010, 15.4500, 6.3460



116.6850, 5.5010, 4.9330



68.4810, 78.9390, 72.7230



22.1150, 25.4420, 23.5060

Inverse Universe

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



230.7830, 11.2770, 10.3890



233.9190, 13.8900, 12.5940



239.6990, -15.4500, -6.3460



116.6850, 5.5010, 4.9330



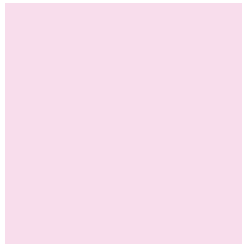
68.4810, 78.9390, 72.7230



22.1150, 25.4420, 23.5060

Previews

White Background



This preview shows how the YIQ color 230.7830, 11.2770, 10.3890 looks on a white background.

Color Contrast Check

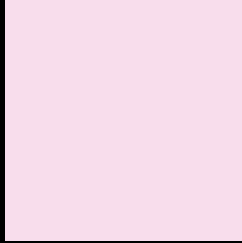
Large Text (above 18pt) WCAG AA × Fail

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 230.7830, 11.2770, 10.3890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

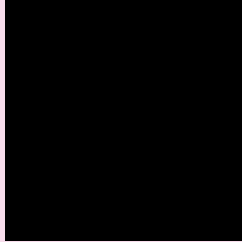
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 230.7830, 11.2770, 10.3890

Background



This preview shows how black text looks on a background with the YIQ color 230.7830, 11.2770, 10.3890.



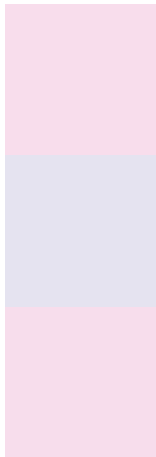
This preview shows how white text looks on a background with the YIQ color 230.7830, 11.2770,

10.3890.

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

230.7830, 11.2770, 10.3890

Protanopia

229.0800, -2.9810, 4.4670

Deuteranopia

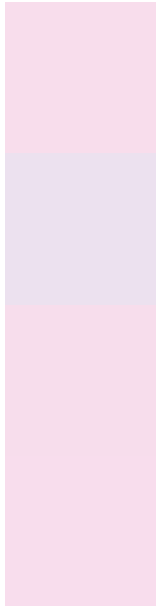
230.4840, 10.6810, 10.1770



Tritanopia

231.0110, 10.6350, 11.0110

Trichromacy



Original Color

230.7830, 11.2770, 10.3890

Protanomaly

229.8850, 2.0620, 6.6860

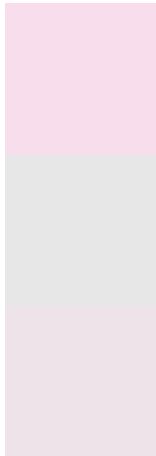
Deuteranomaly

230.4840, 10.6810, 10.1770

Tritanomaly

230.8970, 10.9560, 10.7000

Monochromacy



Original Color

230.7830, 11.2770, 10.3890

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

230.6740, 4.0340, 3.9860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.7830, 11.2770, 10.3890 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(248, 221, 236)` looks like.

```
.text, #text, p{  
    color:rgb(248, 221, 236)  
}
```

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(248, 221, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 221, 236) }
```

Border

The CSS property to change the border of an element to YIQ 230.7830, 11.2770, 10.3890 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(248, 221, 236) }
```


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

```
.border{ border-color:rgb(248, 221, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 221, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 221, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 221, 236);  
box-shadow:4px 4px 4px 4px rgb(248, 221,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 230.7830, 11.2770, 10.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 221, 236) }
```

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

```
.background{ background-color: rgb(248,  
221, 236) }
```

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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