

Converting Colors

YIQ(231.8830, -3.6240, 10.6160)

Have a look what the booklet for
YIQ(231.8830, -3.6240, 10.6160)
contains.

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Color

**YIQ(231.8830, -3.6240,
10.6160)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE2FE
RGB	235, 226, 254
RGB Percent	92%, 89%, 100%
CMY	0.0784, 0.1137, 0.0040
CMYK	0.07, 0.11, 0.00, 0.00
HSL	259°, 93%, 94%
HSV	259°, 11%, 100%
XYZ	79.3475, 79.2097, 104.8652
YIQ	231.8830, -3.6240, 10.6160

Conversions

Conversions Part 2

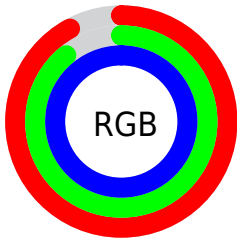
Format	Color
R _Y B	235, 226, 254
Decimal	15459070
CIE Lab	91.33, 8.17, -12.46
CIE LCh	91, 14.900, 303.265
Yxy	79.2097, 0.3012, 0.3007
Android (android.graphics.Color)	4293649150 (0xFFE2FE)
YUV	231.8830, 10.9037, 2.7336
Hunter-Lab	88.9998, 3.3913, -7.5593

Details

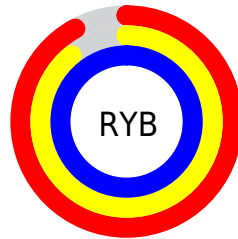
The YIQ color **231.8830, -3.6240, 10.6160** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **248.1170, 3.6240, -10.6160**, and the grayscale version is **232.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **176.3560, -3.5780, 9.7820** is the 20% darker color. If you saturate the color by 10%, you get **212.1250, -6.8810, 20.0870**, and if you desaturate by 10%, it is **251.6410, -0.3670, 1.1450**.

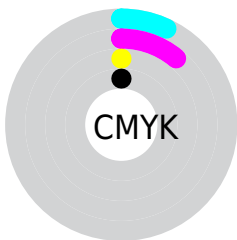
Distribution



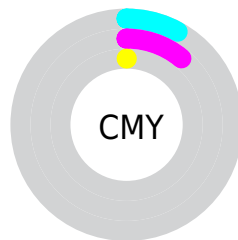
- Red (92%)
- Green (89%)
- Blue (100%)



- Red (92%)
- Yellow (89%)
- Blue (100%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.8830, -3.6240, 10.6160 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 231.8830, -3.6240, 10.6160 by changing the saturation by 10% instead.

231.8830, -3.6240,
10.6160

231.8830, -3.6240,
10.6160

255.0000, -0.0000,
-0.0000

203.7690, -3.3030,
10.3050

176.3560, -3.5780,
9.7820

149.3560, -3.5780,
9.7820

123.9430, -3.8530,
9.2590

98.8290, -3.5320,
8.9480

74.7150, -3.2110,
8.6370

52.3020, -3.4860,

8.1140

■ 30.7750, -3.4400,
7.2800

■ 6.6660, -1.5150,
10.9410

■ 231.8830, -3.6240,
10.6160

■ 231.8830, -3.6240,
10.6160

■ 212.1250, -6.8810,
20.0870

■ 251.6410, -0.3670,
1.1450

■ 191.7800, -9.8630,
30.0810

254.8860, 0.3210,
-0.3110

■ 171.7230,
-13.7160, 39.3400

■ 151.3780,
-16.6980, 49.3340

■ 131.6200,
-19.9550, 58.8050

■ 111.8620,
-23.2120, 68.2760

■ 91.2180, -26.7900,
78.0580

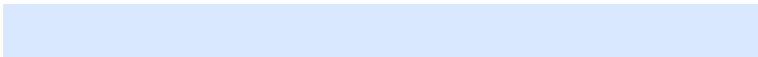
■ 71.4600, -30.0470,
87.5290

■ 53.4740, -32.6620,
96.3780

Harmonies

Analogous

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



229.5500, -16.0480, 4.4960



231.8830, -3.6240, 10.6160



232.7660, 9.9470, 12.4670

Triad

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



231.8830, -3.6240, 10.6160



231.0920, 23.1080, -0.2840



225.5300, -22.4640, -11.3920

Complementary

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



231.8830, -3.6240, 10.6160



248.1170, 3.6240, -10.6160

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.



226.0490, -10.8640, -12.3680



231.8830, -3.6240, 10.6160



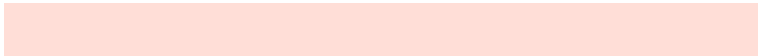
229.7980, 14.9480, -6.5880

Square

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



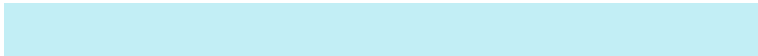
231.8830, -3.6240, 10.6160



231.0690, 21.9150, 4.8190



227.8180, 3.0280, -10.8280



225.6420, -28.4710, -7.1510

Rectangle

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



231.8830, -3.6240, 10.6160



232.6480, 16.0910, 11.2510



227.8180, 3.0280, -10.8280



225.2700, -18.7960, -11.7880

Sweetspot

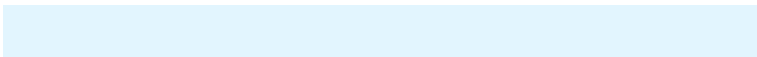
The Sweet Spot groups the original color and five complimentary colors.



231.8830, -3.6240, 10.6160



248.8090, -0.7800, 3.1240



240.3450, -14.2130, -1.2290



123.2820, -0.7340, 2.2900



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.



231.8830, -3.6240, 10.6160



229.0510, -4.0370, 12.5950



236.0690, 4.7200, 13.5840



117.6780, -1.7890, 4.8910



40.3120, -24.3590, 72.5450



13.5750, -8.0280, 24.3560

Inverse Universe

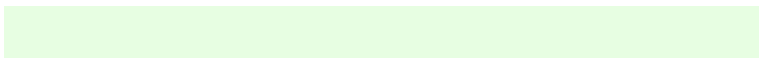
The Inverse Universe completely reimagines the original color for something new.



236.5380, 10.5890, 11.8450



234.3750, 12.6060, 13.8380



243.9310, -4.7200, -13.5840



119.7990, 5.1800, 5.2440



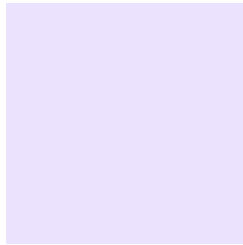
71.9290, 72.1060, 80.9220



24.0380, 24.3410, 26.9410

Previews

White Background



This preview shows how the YIQ color 231.8830, -3.6240, 10.6160 looks on a white background.

Color Contrast Check

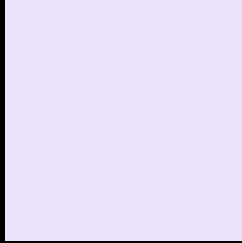
Large Text (above 18pt) WCAG AA × Fail

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 231.8830, -3.6240, 10.6160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

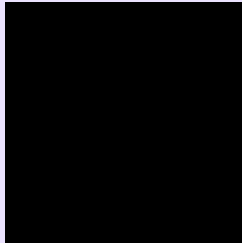
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 231.8830, -3.6240, 10.6160

Background



This preview shows how black text looks on a background with the YIQ color 231.8830, -3.6240, 10.6160.



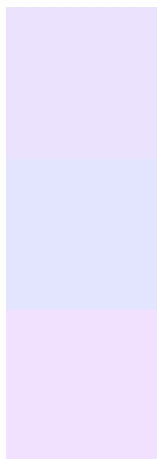
This preview shows how white text looks on a background with the YIQ color 231.8830, -3.6240,

10.6160.

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

231.8830, -3.6240, 10.6160

Protanopia

231.3660, -9.5380, 7.6620

Deuteranopia

232.5030, 0.5020, 12.9340



Tritanopia

231.1450, -1.6060, 7.0820

Trichromacy



Original Color

231.8830, -3.6240, 10.6160

Protanomaly

231.6760, -7.4750, 8.8210

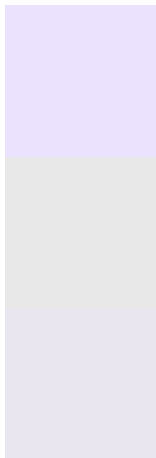
Deuteranomaly

232.4920, -0.9650, 11.9870

Tritanomaly

231.4870, -2.5690, 8.0150

Monochromacy



Original Color

231.8830, -3.6240, 10.6160

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

232.0370, -1.4220, 3.7460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.8830, -3.6240, 10.6160 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(235, 226, 254)` looks like.

```
.text, #text, p{  
    color:rgb(235, 226, 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(235, 226, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 226, 254) }
```

Border

The CSS property to change the border of an element to YIQ 231.8830, -3.6240, 10.6160 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(235, 226, 254) }
```


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

```
.border{ border-color:rgb(235, 226, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 226, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 226, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 226, 254);  
box-shadow:4px 4px 4px 4px rgb(235, 226,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 231.8830, -3.6240, 10.6160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 226, 254) }
```

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

```
.background{ background-color: rgb(235,  
226, 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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