

Converting Colors

YIQ(231.1480, 11.5070, 6.2190)

Have a look what the booklet for
YIQ(231.1480, 11.5070, 6.2190)
contains.

YIQ(231.1480, 11.5070, 6.2190)	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(231.1480, 11.5070,
6.2190)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E0E5
RGB	246, 224, 229
RGB Percent	96%, 88%, 90%
CMY	0.0352, 0.1216, 0.1019
CMYK	0.00, 0.09, 0.07, 0.04
HSL	346°, 55%, 92%
HSV	346°, 9%, 96%
XYZ	78.8085, 78.5595, 85.1464
YIQ	231.1480, 11.5070, 6.2190

Conversions

Conversions Part 2

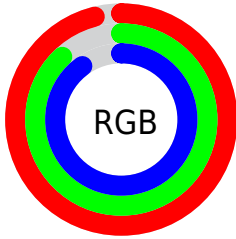
Format	Color
R _Y B	246, 224, 229
Decimal	16179429
CIE Lab	91.03, 8.37, 0.28
CIE LCh	91, 8.379, 1.929
Yxy	78.5595, 0.3250, 0.3239
Android (android.graphics.Color)	4294369509 (0xFF6E0E5)
YUV	231.1480, -1.0590, 13.0252
Hunter-Lab	88.6338, 3.6037, 5.0865

Details

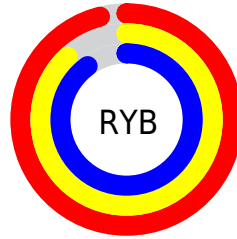
The YIQ color $231.1480, 11.5070, 6.2190$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $238.8520, -11.5070, -6.2190$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $175.8490, 10.9110, 6.0070$ is the 20% darker color. If you saturate the color by 10%, you get $214.3070, 24.4810, 13.3850$, and if you desaturate by 10%, it is $247.9890, -1.4670, -0.9470$.

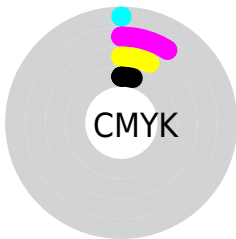
Distribution



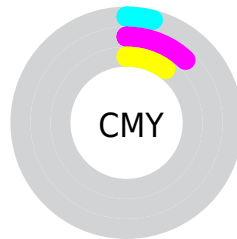
- Red (96%)
- Green (88%)
- Blue (90%)



- Red (96%)
- Yellow (88%)
- Blue (90%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (4%)



- Cyan (4%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.1480, 11.5070, 6.2190 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 231.1480, 11.5070, 6.2190 by changing the saturation by 10% instead.

231.1480, 11.5070,
6.2190

231.1480, 11.5070,
6.2190

255.0000, -0.0000,
-0.0000

202.8490, 10.9110,
6.0070

175.8490, 10.9110,
6.0070

148.8490, 10.9110,
6.0070

123.1370, 10.0400,
5.2720

98.2510, 9.7190,
5.5830

74.5390, 8.8480,
4.8480

51.5390, 8.8480,

4.8480

■ 30.2400, 8.2520,
4.6360

■ 6.9200, 12.1490,
5.5970

■ 231.1480, 11.5070,
6.2190

■ 231.1480, 11.5070,
6.2190

■ 214.3070, 24.4810,
13.3850

■ 247.9890, -1.4670,
-0.9470

■ 198.0530, 37.1800,
20.0280

■ 252.3090, -5.3640,
-1.9080

■ 181.2120, 50.1540,
27.1940

■ 164.9580, 62.8530,
33.8370

■ 148.1170, 75.8270,
41.0030

■ 131.2760, 88.8010,
48.1690

■ 115.0220,
101.5000, 54.8120

■ 98.1810, 114.4740,
61.9780

■ 81.9270, 127.1730,
68.6210

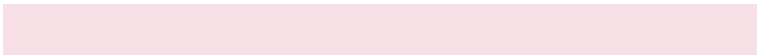
Harmonies

Analogous

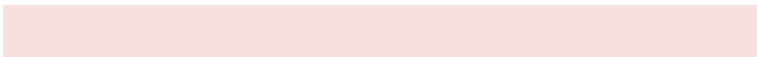
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.1520, 5.6840, 7.1240



231.1480, 11.5070, 6.2190



231.1220, 14.3960, 3.4200

Triad

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



231.1480, 11.5070, 6.2190



227.7950, 1.8350, -5.7250



227.8720, -14.2590, -0.3950

Complementary

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



231.1480, 11.5070, 6.2190



238.8520, -11.5070, -6.2190

Split Complementary

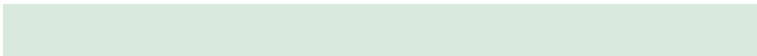
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.1660, -15.2670, -4.1550



231.1480, 11.5070, 6.2190



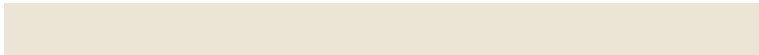
227.2610, -5.4090, -6.6010

Square

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



231.1480, 11.5070, 6.2190



229.2690, 9.3080, -3.4920



226.5530, -12.1030, -6.4310



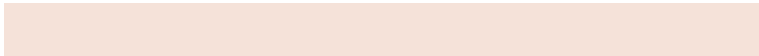
229.3180, -9.5830, 2.9690

Rectangle

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



231.1480, 11.5070, 6.2190



230.6550, 14.2130, 1.2290



226.5530, -12.1030, -6.4310



227.7470, -15.4050, -1.6530

Sweetspot

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



231.1480, 11.5070, 6.2190



249.6200, 4.1260, 2.3180



231.5910, 3.0700, 10.4460



124.0220, 2.9340, 1.8940



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

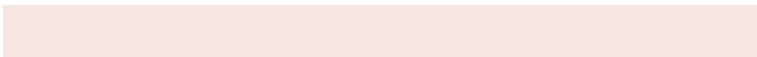
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.1480, 11.5070, 6.2190



236.0560, 14.7620, 7.8020



234.1000, 11.4620, 1.5260



113.9300, 6.1890, 3.4770



60.4020, 97.3740, 52.4940



19.1230, 30.9910, 16.5510

Inverse Universe

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



231.1480, 11.5070, 6.2190



236.0560, 14.7620, 7.8020



235.9000, -11.4620, -1.5260



113.9300, 6.1890, 3.4770



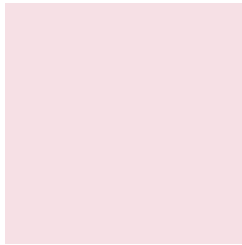
60.4020, 97.3740, 52.4940



19.1230, 30.9910, 16.5510

Previews

White Background



This preview shows how the YIQ color 231.1480, 11.5070, 6.2190 looks on a white background.

Color Contrast Check

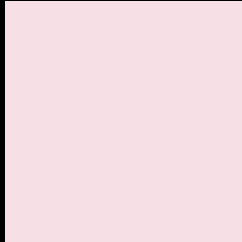
Large Text (above 18pt) WCAG AA × Fail

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 231.1480, 11.5070, 6.2190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

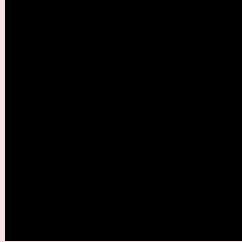
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 231.1480, 11.5070, 6.2190

Background



This preview shows how black text looks on a background with the YIQ color 231.1480, 11.5070, 6.2190.



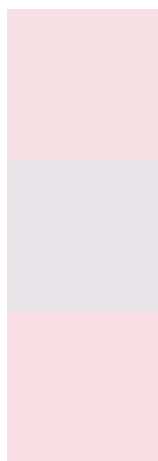
This preview shows how white text looks on a background with the YIQ color 231.1480, 11.5070,

6.2190.

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

231.1480, 11.5070, 6.2190

Protanopia

229.8370, 2.0170, 1.9930

Deuteranopia

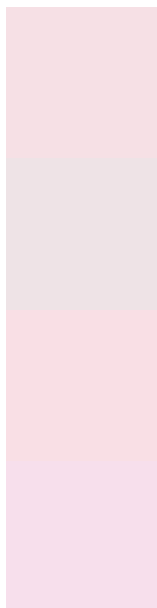
231.4690, 15.0370, 8.3250



Tritanopia

231.8260, 9.7180, 11.1100

Trichromacy



Original Color

231.1480, 11.5070, 6.2190

Protanomaly

230.6310, 5.5930, 3.2650

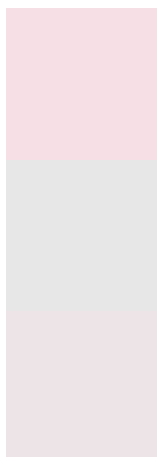
Deuteranomaly

231.4580, 13.5700, 7.3780

Tritanomaly

231.6580, 10.1310, 9.1310

Monochromacy



Original Color

231.1480, 11.5070, 6.2190

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

230.6200, 4.1260, 2.3180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.1480, 11.5070, 6.2190 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(246, 224, 229)` looks like.

```
.text, #text, p{  
    color:rgb(246, 224, 229)  
}
```

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(246, 224, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 224, 229) }
```

Border

The CSS property to change the border of an element to YIQ 231.1480, 11.5070, 6.2190 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(246, 224, 229) }
```


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

```
.border{ border-color:rgb(246, 224, 229) }
```

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

Here you see how a box with a 4 pixel rgb(246, 224, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 224, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 224, 229);  
box-shadow:4px 4px 4px 4px rgb(246, 224,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 231.1480, 11.5070, 6.2190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 224, 229) }
```

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

```
.background{ background-color: rgb(246,  
224, 229) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor