

Converting Colors

YIQ(231.3780, 16.5510, 2.9110)

Have a look what the booklet for
YIQ(231.3780, 16.5510, 2.9110)
contains.

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Color

**YIQ(231.3780, 16.5510,
2.9110)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E1DA
RGB	249, 225, 218
RGB Percent	98%, 88%, 85%
CMY	0.0235, 0.1177, 0.1450
CMYK	0.00, 0.10, 0.12, 0.02
HSL	13°, 72%, 92%
HSV	14°, 12%, 98%
XYZ	78.6515, 79.0501, 77.4549
YIQ	231.3780, 16.5510, 2.9110

Conversions

Conversions Part 2

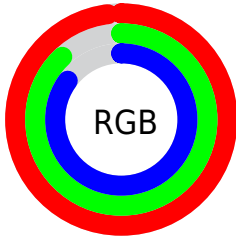
Format	Color
R _Y B	249, 227, 218
Decimal	16376282
CIE Lab	91.26, 7.10, 6.39
CIE LCh	91, 9.554, 41.972
Yxy	79.0501, 0.3345, 0.3362
Android (android.graphics.Color)	4294566362 (0xFFF9E1DA)
YUV	231.3780, -6.5954, 15.4545
Hunter-Lab	88.9101, 2.3116, 10.5860

Details

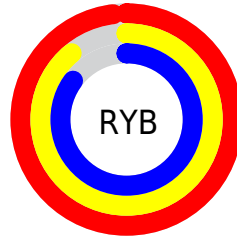
The YIQ color $231.3780, 16.5510, 2.9110$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $235.6220, -16.5510, -2.9110$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $175.7800, 15.3590, 2.4870$ is the 20% darker color. If you saturate the color by 10%, you get $217.3750, 29.8010, 5.0730$, and if you desaturate by 10%, it is $245.3810, 3.3010, 0.7490$.

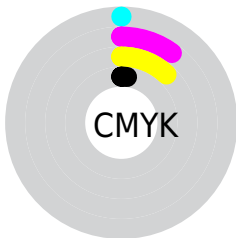
Distribution



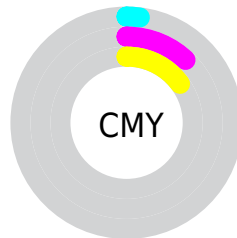
- Red (98%)
- Green (88%)
- Blue (85%)



- Red (98%)
- Yellow (89%)
- Blue (85%)



- Cyan (0%)
- Magenta (10%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 231.3780, 16.5510, 2.9110 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 231.3780, 16.5510, 2.9110 by changing the saturation by 10% instead.


 231.3780, 16.5510,
2.9110


 231.3780, 16.5510,
2.9110


255.0000, -0.0000,
-0.0000


 203.0790, 15.9550,
2.6990

 175.7800, 15.3590,
2.4870

 148.8940, 15.0380,
2.7980

 123.5950, 14.4420,
2.5860

 98.2960, 13.8460,
2.3740

 74.1110, 12.9290,
2.4730

 51.8120, 12.3330,

2.2610

■ 30.3280, 10.8200,
2.1480

■ 6.5780, 13.1120,
4.6640

■ 231.3780, 16.5510,
2.9110

■ 231.3780, 16.5510,
2.9110

■ 217.3750, 29.8010,
5.0730

■ 245.3810, 3.3010,
0.7490

■ 202.7850, 43.3260,
7.7580

■ 253.2060, -3.5760,
-1.2720

■ 188.7820, 56.5760,
9.9200

■ 174.7790, 69.8260,
12.0820

■ 160.8900, 82.7550,
14.5550

■ 146.3000, 96.2800,
17.2400

■ 132.2970,
109.5300, 19.4020

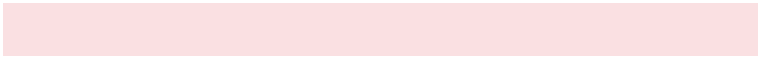
■ 118.2940,
122.7800, 21.5640

■ 107.3230,
133.0040, 23.5000

Harmonies

Analogous

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



232.0020, 14.8540, 6.1340



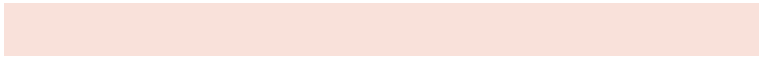
231.3780, 16.5510, 2.9110



230.1880, 14.0300, -0.9620

Triad

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



231.3780, 16.5510, 2.9110



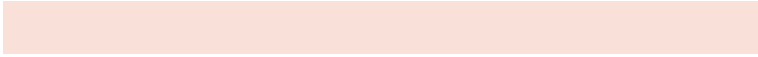
227.4670, -8.9850, -7.8730



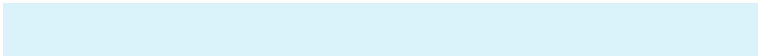
229.9700, -8.4830, 5.0610

Complementary

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



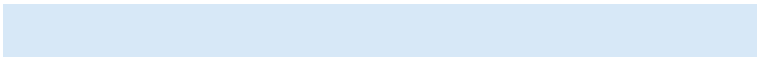
231.3780, 16.5510, 2.9110



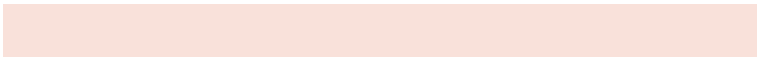
235.6220, -16.5510, -2.9110

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.



228.6270, -14.9470, 1.0610



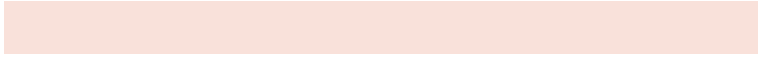
231.3780, 16.5510, 2.9110



227.2860, -15.7250, -6.8690

Square

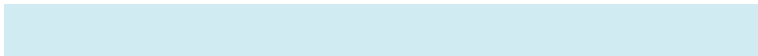
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.3780, 16.5510, 2.9110



228.0720, -0.5030, -7.4070



227.7250, -18.3390, -3.5470



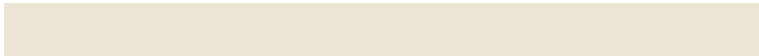
231.0420, 0.1820, 7.7180

Rectangle

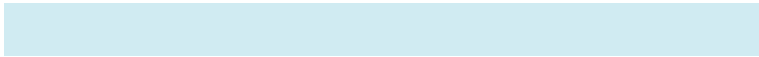
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231.3780, 16.5510, 2.9110



229.4540, 10.2250, -3.5910



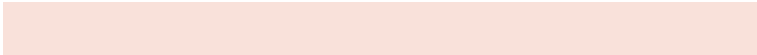
227.7250, -18.3390, -3.5470



229.3610, -11.1420, 3.6900

Sweetspot

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



231.3780, 16.5510, 2.9110



249.1640, 5.4100, 1.0740



230.0050, 10.7720, 14.0360



124.2670, 3.6220, 0.4380



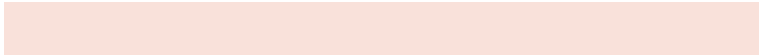
0.0000, 0.0000, 0.0000



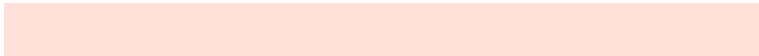
128.0000, -0.0000, -0.0000

Same Dimension

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



231.3780, 16.5510, 2.9110



233.0580, 20.4480, 3.8720



240.1830, 12.4260, -4.9340



117.6480, 6.9230, 1.1870



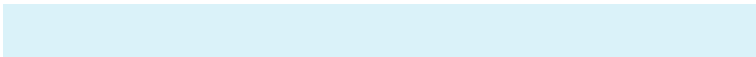
81.1650, 101.0940, 18.1020



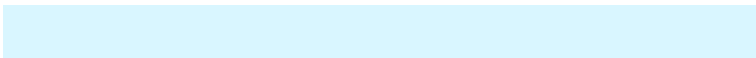
26.4570, 32.5060, 5.6100

Inverse Universe

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



235.6220, -16.5510, -2.9110



238.3550, -20.1730, -3.3490



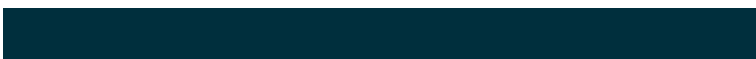
226.8170, -12.4260, 4.9340



119.3520, -6.9230, -1.1870



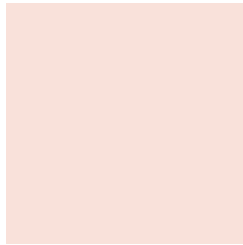
107.2480, -100.8190, -17.5790



34.5430, -32.5060, -5.6100

Previews

White Background



This preview shows how the YIQ color 231.3780, 16.5510, 2.9110 looks on a white background.

Color Contrast Check

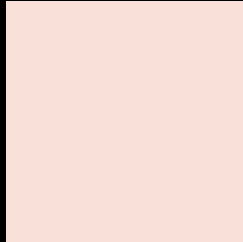
Large Text (above 18pt) WCAG AA × Fail

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 231.3780, 16.5510, 2.9110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

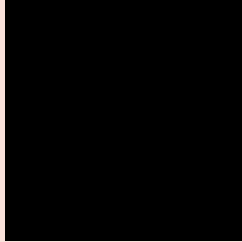
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

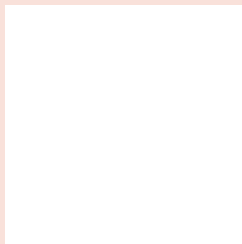
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 231.3780, 16.5510, 2.9110

Background



This preview shows how black text looks on a background with the YIQ color 231.3780, 16.5510, 2.9110.



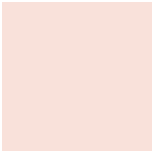
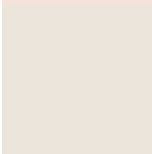
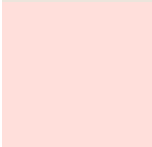
This preview shows how white text looks on a background with the YIQ color 231.3780, 16.5510,

2.9110.

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

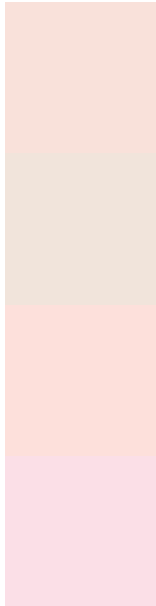
	Original Color 231.3780, 16.5510, 2.9110
	Protanopia 230.0670, 7.0610, -1.3150
	Deuteranopia 232.1120, 20.3560, 5.5400



Tritanopia

232.9080, 12.4230, 11.6470

Trichromacy



Original Color

231.3780, 16.5510, 2.9110

Protanomaly

230.8610, 10.6370, -0.0430

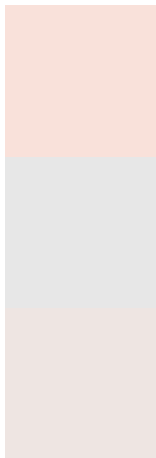
Deuteranomaly

232.1010, 18.8890, 4.5930

Tritanomaly

232.2840, 14.1200, 8.4240

Monochromacy



Original Color

231.3780, 16.5510, 2.9110

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

231.3490, 6.3270, 0.9750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.3780, 16.5510, 2.9110 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(249, 225, 218)` looks like.

```
.text, #text, p{  
    color:rgb(249, 225, 218)  
}
```

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(249, 225, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 225, 218) }
```

Border

The CSS property to change the border of an element to YIQ 231.3780, 16.5510, 2.9110 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(249, 225, 218) }
```


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

```
.border{ border-color:rgb(249, 225, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 225, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 225, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 225, 218);  
box-shadow:4px 4px 4px 4px rgb(249, 225,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 231.3780, 16.5510, 2.9110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 225, 218) }
```

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

```
.background{ background-color: rgb(249,  
225, 218) }
```

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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