

Converting Colors

YIQ(231.4980, 8.0660, 19.0260)

Have a look what the booklet for
YIQ(231.4980, 8.0660, 19.0260)
contains.

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Color

**YIQ(231.4980, 8.0660,
19.0260)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD9FF
RGB	251, 217, 255
RGB Percent	98%, 85%, 100%
CMY	0.0156, 0.1491, 0.0000
CMYK	0.02, 0.15, 0.00, 0.00
HSL	294°, 100%, 93%
HSV	294°, 15%, 100%
XYZ	82.6525, 77.3526, 105.1820
YIQ	231.4980, 8.0660, 19.0260

Conversions

Conversions Part 2

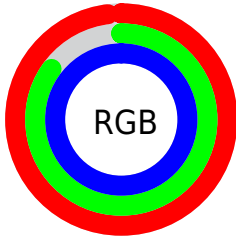
Format	Color
R _Y B	251, 217, 255
Decimal	16505343
CIE _{Lab}	90.48, 18.26, -14.12
CIE _{LCh}	90, 23.084, 322.303
Y _{xy}	77.3526, 0.3117, 0.2917
Android (android.graphics.Color)	4294695423 (0xFFFFBD9FF)
Y _{UV}	231.4980, 11.5865, 17.1033
Hunter-Lab	87.9503, 13.8347, -9.3412

Details

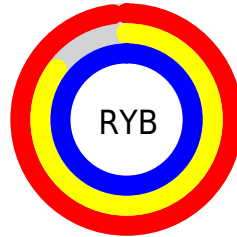
The YIQ color $231.4980, 8.0660, 19.0260$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $240.5020, -8.0660, -19.0260$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $175.6720, 7.5160, 17.9800$ is the 20% darker color. If you saturate the color by 10%, you get $215.3390, 13.4280, 31.9880$, and if you desaturate by 10%, it is $247.0700, 2.9790, 6.5870$.

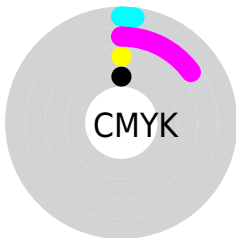
Distribution



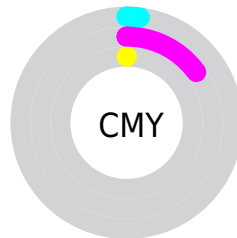
- Red (98%)
- Green (85%)
- Blue (100%)



- Red (98%)
- Yellow (85%)
- Blue (100%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.4980, 8.0660, 19.0260 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 231.4980, 8.0660, 19.0260 by changing the saturation by 10% instead.

 231.4980, 8.0660,
19.0260


 231.4980, 8.0660,
19.0260


255.0000, -0.0000,
-0.0000


 203.0850, 7.7910,
18.5030

 175.6720, 7.5160,
17.9800

 149.2590, 7.2410,
17.4570

 122.8460, 6.9660,
16.9340

 98.4330, 6.6910,
16.4110

 74.0200, 6.4160,
15.8880

 51.1940, 5.8660,

14.8420

■ 29.4820, 4.9950,
14.1070

■ 10.8520, 6.8290,
13.9090

■ 231.4980, 8.0660,
19.0260

■ 231.4980, 8.0660,
19.0260

■ 215.3390, 13.4280,
31.9880

■ 247.0700, 2.9790,
6.5870

■ 200.0660, 19.1110,
44.6390

255.0000, -0.0000,
-0.0000

■ 183.9070, 24.4730,
57.6010

■ 168.3350, 29.5600,
70.0400

■ 152.4750, 35.5180,
83.2140

■ 136.9030, 40.6050,
95.6530

■ 120.7440, 45.9670,
108.6150

■ 105.4710, 51.6500,
121.2660

■ 97.2420, 54.0330,
127.6410

Harmonies

Analogous

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



227.5340, -9.9510, 9.6410



231.4980, 8.0660, 19.0260



227.9520, 18.2910, 15.4350

Triad

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



231.4980, 8.0660, 19.0260



227.2140, 28.3360, -6.9280



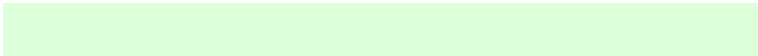
218.9280, -44.1960, -14.0200

Complementary

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



231.4980, 8.0660, 19.0260



240.5020, -8.0660, -19.0260

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.



219.8940, -29.6610, -18.6290



231.4980, 8.0660, 19.0260



224.7880, 11.7400, -14.5320

Square

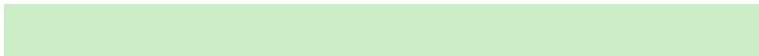
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.4980, 8.0660, 19.0260



225.7400, 30.0310, 0.9030



222.3170, -8.9830, -18.9270



220.2150, -43.3260, -7.7580

Rectangle

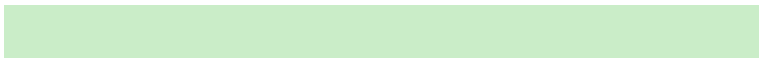
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231.4980, 8.0660, 19.0260



225.6550, 23.3810, 11.2930



222.3170, -8.9830, -18.9270



219.5000, -40.1150, -16.3950

Sweetspot

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



231.4980, 8.0660, 19.0260



248.8310, 2.1540, 5.0180



223.6800, -13.2980, 9.7260



123.5920, 1.3290, 3.4490



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.



231.4980, 8.0660, 19.0260



226.5030, 9.6700, 22.9980



230.9840, 15.2650, 15.2090



119.7710, 2.3830, 6.3750



72.9030, 40.6050, 95.6530



24.3390, 13.4280, 31.9880

Inverse Universe

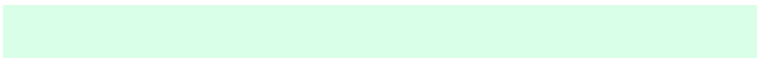
The Inverse Universe completely reimagines the original color for something new.



228.8180, 21.3640, 9.3000



223.3240, 25.8110, 11.3070



241.0160, -15.2650, -15.2090



119.0010, 7.4270, 3.0670



59.3890, 107.4160, 46.7120



19.9340, 35.8970, 15.7450

Previews

White Background



This preview shows how the YIQ color 231.4980, 8.0660, 19.0260 looks on a white background.

Color Contrast Check

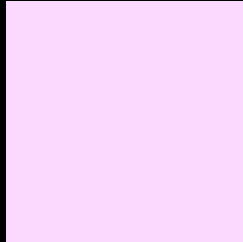
Large Text (above 18pt) WCAG AA × Fail

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 231.4980, 8.0660, 19.0260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

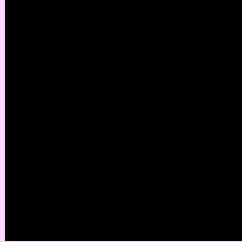
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 231.4980, 8.0660, 19.0260

Background



This preview shows how black text looks on a background with the YIQ color 231.4980, 8.0660, 19.0260.



This preview shows how white text looks on a background with the YIQ color 231.4980, 8.0660,

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

231.4980, 8.0660, 19.0260

Protanopia

228.4090, -11.0970, 8.3830

Deuteranopia

230.4320, -0.7360, 13.3440



Tritanopia

230.3100, 11.2310, 11.2230

Trichromacy



Original Color

231.4980, 8.0660, 19.0260

Protanomaly

229.6380, -4.3120, 12.0720

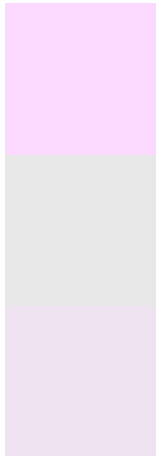
Deuteranomaly

230.7530, 2.7940, 15.4500

Tritanomaly

230.8200, 9.8550, 14.1350

Monochromacy



Original Color

231.4980, 8.0660, 19.0260

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

231.1840, 2.6580, 6.8980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.4980, 8.0660, 19.0260 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, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 217, 255)  
}
```

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, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 217, 255) }
```

Border

The CSS property to change the border of an element to YIQ 231.4980, 8.0660, 19.0260 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, 217, 255) }
```


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

```
.border{ border-color:rgb(251, 217, 255) }
```

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

Here you see how a box with a 4 pixel rgb(251, 217, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 217,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 231.4980, 8.0660, 19.0260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 217, 255) }
```

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

```
.background{ background-color: rgb(251,  
217, 255) }
```

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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