

Converting Colors

YIQ(230.0250, 8.0200, 19.8600)

Have a look what the booklet for
YIQ(230.0250, 8.0200, 19.8600)
contains.

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Color

**YIQ(230.0250, 8.0200,
19.8600)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD7FF
RGB	250, 215, 255
RGB Percent	98%, 84%, 100%
CMY	0.0195, 0.1569, 0.0000
CMYK	0.02, 0.16, 0.00, 0.00
HSL	293°, 100%, 92%
HSV	293°, 16%, 100%
XYZ	81.7809, 76.1425, 104.9944
YIQ	230.0250, 8.0200, 19.8600

Conversions

Conversions Part 2

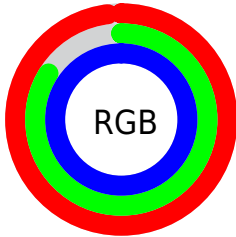
Format	Color
R_{YB}	250, 215, 255
Decimal	16439295
CIE _{Lab}	89.93, 18.99, -14.96
CIE _{LCh}	90, 24.173, 321.766
Yxy	76.1425, 0.3111, 0.2896
Android (android.graphics.Color)	4294629375 (0xFFFAD7FF)
YUV	230.0250, 12.3127, 17.5181
Hunter-Lab	87.2597, 14.5881, -10.2584

Details

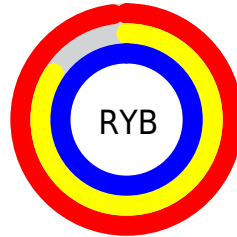
The YIQ color $230.0250, 8.0200, 19.8600$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $239.9750, -8.0200, -19.8600$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.1990, 7.4700, 18.8140$ is the 20% darker color. If you saturate the color by 10%, you get $213.8660, 13.3820, 32.8220$, and if you desaturate by 10%, it is $245.5970, 2.9330, 7.4210$.

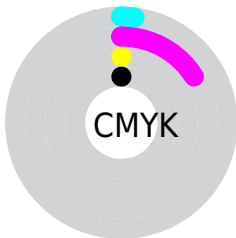
Distribution



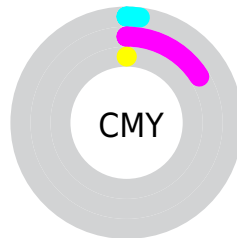
- Red (98%)
- Green (84%)
- Blue (100%)



- Red (98%)
- Yellow (84%)
- Blue (100%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 230.0250, 8.0200, 19.8600 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 230.0250, 8.0200, 19.8600 by changing the saturation by 10% instead.

 230.0250, 8.0200,
19.8600

 230.0250, 8.0200,
19.8600


255.0000, -0.0000,
-0.0000

 201.6120, 7.7450,
19.3370

 174.1990, 7.4700,
18.8140

 147.7860, 7.1950,
18.2910

 121.3730, 6.9200,
17.7680

 96.9600, 6.6450,
17.2450

 72.5470, 6.3700,
16.7220

 49.7210, 5.8200,

15.6760

■ 28.0090, 4.9490,
14.9410

■ 10.5530, 6.2330,
13.6970

■ 230.0250, 8.0200,
19.8600

■ 230.0250, 8.0200,
19.8600

■ 213.8660, 13.3820,
32.8220

■ 245.5970, 2.9330,
7.4210

■ 198.2940, 18.4690,
45.2610

255.0000, -0.0000,
-0.0000

■ 182.1350, 23.8310,
58.2230

■ 166.2640, 28.3220,
70.4500

■ 150.1050, 33.6840,
83.4120

■ 134.5330, 38.7710,
95.8510

■ 118.3740, 44.1330,
108.8130

■ 102.8020, 49.2200,
121.2520

■ 95.7470, 51.0530,
126.5810

Harmonies

Analogous

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



225.7620, -10.5930, 10.2630



230.0250, 8.0200, 19.8600



226.0770, 19.4370, 16.6930

Triad

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



230.0250, 8.0200, 19.8600



225.6980, 29.8490, -6.8150



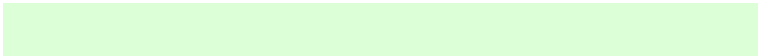
216.6180, -46.2590, -15.1790

Complementary

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



230.0250, 8.0200, 19.8600



239.9750, -8.0200, -19.8600

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.



217.8830, -31.1280, -19.5760



230.0250, 8.0200, 19.8600



223.4460, 12.7030, -15.4650

Square

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



230.0250, 8.0200, 19.8600



224.2240, 31.5440, 1.0160



220.4910, -9.5330, -19.9730



218.1330, -46.0310, -8.2950

Rectangle

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



230.0250, 8.0200, 19.8600



224.3670, 24.2520, 12.0280



220.4910, -9.5330, -19.9730



217.3040, -42.4990, -17.2430

Sweetspot

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



230.0250, 8.0200, 19.8600



246.7710, 2.3830, 6.3750



222.4950, -14.2150, 9.8250



123.0050, 1.6040, 3.9720



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.



230.0250, 8.0200, 19.8600



225.0300, 9.6240, 23.8320



229.8100, 15.8150, 16.2550



119.7710, 2.3830, 6.3750



71.7070, 38.2210, 94.8050



24.0400, 12.8320, 31.7760

Inverse Universe

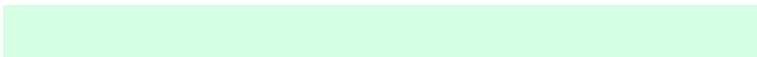
The Inverse Universe completely reimagines the original color for something new.



227.5300, 22.2350, 10.0350



222.0360, 26.6820, 12.0420



240.1900, -15.8150, -16.2550



119.0010, 7.4270, 3.0670



59.8450, 106.1320, 47.9560



20.0480, 35.5760, 16.0560

Previews

White Background



This preview shows how the YIQ color 230.0250, 8.0200, 19.8600 looks on a white background.

Color Contrast Check

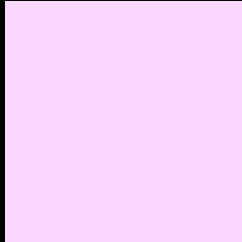
Large Text (above 18pt) WCAG AA × Fail

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 230.0250, 8.0200, 19.8600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

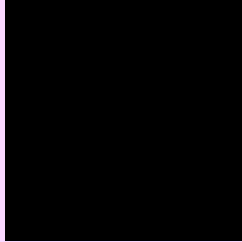
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 230.0250, 8.0200, 19.8600

Background



This preview shows how black text looks on a background with the YIQ color 230.0250, 8.0200, 19.8600.



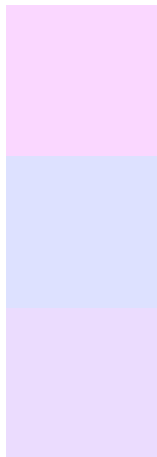
This preview shows how white text looks on a background with the YIQ color 230.0250, 8.0200,

19.8600.

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

230.0250, 8.0200, 19.8600

Protanopia

227.2240, -12.0140, 8.4820

Deuteranopia

228.3610, -1.9740, 13.7540



Tritanopia

228.6090, 11.8270, 11.4350

Trichromacy



Original Color

230.0250, 8.0200, 19.8600

Protanomaly

228.1650, -4.3580, 12.9060

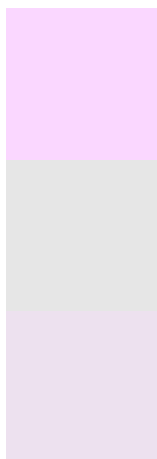
Deuteranomaly

228.6820, 1.5560, 15.8600

Tritanomaly

229.1190, 10.4510, 14.3470

Monochromacy



Original Color

230.0250, 8.0200, 19.8600

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

230.1840, 2.6580, 6.8980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.0250, 8.0200, 19.8600 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(250, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 215, 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(250, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 215, 255) }
```

Border

The CSS property to change the border of an element to YIQ 230.0250, 8.0200, 19.8600 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(250, 215, 255) }
```


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

```
.border{ border-color:rgb(250, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 215,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 230.0250, 8.0200, 19.8600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 215, 255) }
```

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

```
.background{ background-color: rgb(250,  
215, 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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