

Converting Colors

YIQ(199.8000, 22.9160, 47.2680)

Have a look what the booklet for
YIQ(199.8000, 22.9160, 47.2680)
contains.

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Color

**YIQ(199.8000, 22.9160,
47.2680)**

Conversions

Conversions Part 1

Format	Color
Hex	FBA3FF
RGB	251, 163, 255
RGB Percent	98%, 64%, 100%
CMY	0.0154, 0.3609, 0.0000
CMYK	0.02, 0.36, 0.00, 0.00
HSL	297°, 100%, 82%
HSV	297°, 36%, 100%
XYZ	70.9488, 53.9232, 101.2765
YIQ	199.8000, 22.9160, 47.2680

Conversions

Conversions Part 2

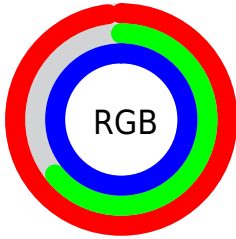
Format	Color
R _Y B	251, 163, 255
Decimal	16491519
CIE Lab	78.42, 46.59, -32.44
CIE LCh	78, 56.776, 325.152
Yxy	53.9232, 0.3137, 0.2384
Android (android.graphics.Color)	4294681599 (0xFFFBA3FF)
YUV	199.8000, 27.2136, 44.9024
Hunter-Lab	73.4324, 43.9562, -30.3689

Details

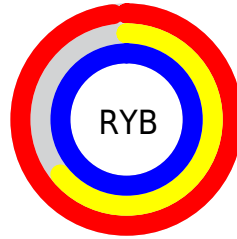
The YIQ color $199.8000, 22.9160, 47.2680$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $218.2000, -22.9160, -47.2680$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $233.8680, 9.9000, 18.8280$, and $144.2620, 21.4950, 45.4870$ is the 20% darker color. If you saturate the color by 10%, you get $184.2390, 29.4700, 60.6540$, and if you desaturate by 10%, it is $214.7740, 16.6370, 34.4050$.

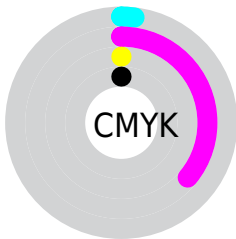
Distribution



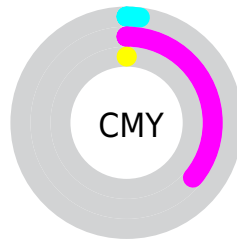
- Red (98%)
- Green (64%)
- Blue (100%)



- Red (98%)
- Yellow (64%)
- Blue (100%)



- Cyan (2%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.8000, 22.9160, 47.2680 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 199.8000, 22.9160, 47.2680 by changing the saturation by 10% instead.


 199.8000, 22.9160,
47.2680


 199.8000, 22.9160,
47.2680


255.0000, -0.0000,
-0.0000


 171.9740, 22.3660,
46.2220


 233.8680, 9.9000,
18.8280


 144.2620, 21.4950,
45.4870

 250.8910, 1.9250,
3.6610

 117.5500, 20.6240,
44.7520

 91.1370, 20.3490,
44.2290

 64.2510, 20.0280,
44.5400

 36.0170, 20.8070,
46.9430

 25.5070, 13.0150,

33.9670

■ 16.3070, 7.2860,
22.1500

■ 3.3230, -7.9790,
6.9410

■ 199.8000, 22.9160,
47.2680

■ 199.8000, 22.9160,
47.2680

■ 184.2390, 29.4700,
60.6540

■ 214.7740, 16.6370,
34.4050

■ 169.2650, 35.7490,
73.5170

■ 230.3350, 10.0830,
21.0190

■ 153.7040, 42.3030,
86.9030

■ 245.3090, 3.8040,
8.1560

■ 138.7300, 48.5820,
99.7660

■ 255.0000, -0.0000,
-0.0000

■ 123.1690, 55.1360,
113.1520

■ 108.1950, 61.4150,
126.0150

■ 102.0260, 63.5690,
131.0330

Harmonies

Analogous

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



192.0940, -22.7910, 22.0810



199.8000, 22.9160, 47.2680



187.6650, 44.9250, 39.3650

Triad

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



199.8000, 22.9160, 47.2680



189.5280, 58.9660, -22.3940



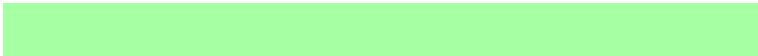
156.1580, -136.5770, -41.3530

Complementary

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



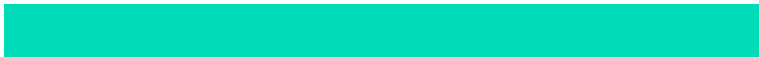
199.8000, 22.9160, 47.2680



218.2000, -22.9160, -47.2680

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.



150.0020, -119.2430, -58.1470



199.8000, 22.9160, 47.2680



184.5830, 21.6020, -39.0860

Square

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



199.8000, 22.9160, 47.2680



187.8740, 70.5160, -0.4280



175.8230, -32.0400, -47.1120



155.2750, -140.9800, -33.1400

Rectangle

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



199.8000, 22.9160, 47.2680



183.5610, 56.4810, 28.1690



175.8230, -32.0400, -47.1120



154.8070, -131.3950, -47.1630

Sweetspot

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



199.8000, 22.9160, 47.2680



238.2650, 7.1040, 14.4320



176.4230, -30.9070, 25.9970



117.7220, 4.0790, 8.6790



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.



199.8000, 22.9160, 47.2680



188.9350, 27.2700, 56.4700



196.3220, 38.4610, 35.3650



120.0700, 2.9790, 6.5870



76.4910, 47.7570, 98.1970



25.5350, 15.8120, 32.8360

Inverse Universe

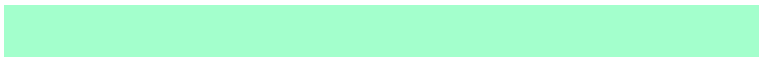
The Inverse Universe completely reimagines the original color for something new.



190.9640, 53.5480, 20.7480



178.4600, 63.9550, 24.8750



221.6780, -38.4610, -35.3650



118.8870, 7.7480, 2.7560



58.0210, 111.2680, 42.9800



19.4780, 37.1810, 14.5010

Previews

White Background



This preview shows how the YIQ color 199.8000, 22.9160, 47.2680 looks on a white background.

Color Contrast Check

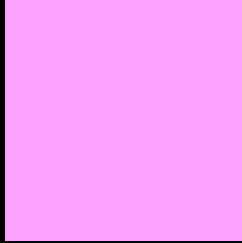
Large Text (above 18pt) WCAG AA × Fail

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 199.8000, 22.9160, 47.2680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

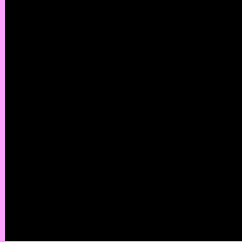
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.8000, 22.9160, 47.2680

Background



This preview shows how black text looks on a background with the YIQ color 199.8000, 22.9160, 47.2680.



This preview shows how white text looks on a background with the YIQ color 199.8000, 22.9160,

47.2680.

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

199.8000, 22.9160, 47.2680

Protanopia

194.3980, -29.7590, 16.2010

Deuteranopia

195.6330, -23.1110, 16.8650



Tritanopia

197.3300, 34.8420, 18.3460

Trichromacy



Original Color

199.8000, 22.9160, 47.2680



Protanomaly

196.0140, -10.6420, 27.6780



Deuteranomaly

197.1670, -6.6990, 27.8050

Tritanomaly

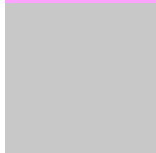
198.0280, 30.3010, 29.0610

Monochromacy



Original Color

199.8000, 22.9160, 47.2680



Achromatopsia

200.0000, -0.0000, -0.0000



Achromatomaly

200.3300, 8.4790, 17.0470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.8000, 22.9160, 47.2680 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, 163, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 163, 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, 163, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 163, 255) }
```

Border

The CSS property to change the border of an element to YIQ 199.8000, 22.9160, 47.2680 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, 163, 255) }
```


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

```
.border{ border-color:rgb(251, 163, 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, 163, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 163, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 163, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 163,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 199.8000, 22.9160, 47.2680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 163, 255) }
```

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

```
.background{ background-color: rgb(251,  
163, 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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