

Converting Colors

YIQ(203.8870, 18.0570, 41.7130)

Have a look what the booklet for
YIQ(203.8870, 18.0570, 41.7130)
contains.

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Color

**YIQ(203.8870, 18.0570,
41.7130)**

Conversions

Conversions Part 1

Format	Color
Hex	F7ACFF
RGB	247, 172, 255
RGB Percent	97%, 67%, 100%
CMY	0.0311, 0.3256, 0.0000
CMYK	0.03, 0.33, 0.00, 0.00
HSL	294°, 100%, 84%
HSV	294°, 33%, 100%
XYZ	71.1750, 56.4980, 101.7616
YIQ	203.8870, 18.0570, 41.7130

Conversions

Conversions Part 2

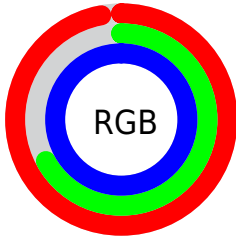
Format	Color
R _Y B	247, 172, 255
Decimal	16231679
CIE Lab	79.90, 40.70, -30.20
CIE LCh	80, 50.682, 323.421
Yxy	56.4980, 0.3102, 0.2462
Android (android.graphics.Color)	4294421759 (0xFFF7ACFF)
YUV	203.8870, 25.1987, 37.8101
Hunter-Lab	75.1651, 37.4855, -27.6536

Details

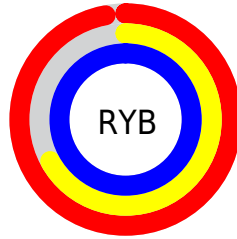
The YIQ color **203.8870, 18.0570, 41.7130** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **223.1130, -18.0570, -41.7130**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.1510, 7.4250, 14.1210**, and **148.6480, 17.2320, 40.1440** is the 20% darker color. If you saturate the color by 10%, you get **188.0270, 24.0150, 54.8870**, and if you desaturate by 10%, it is **219.1600, 12.3740, 29.0620**.

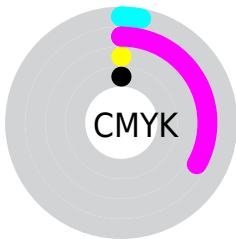
Distribution



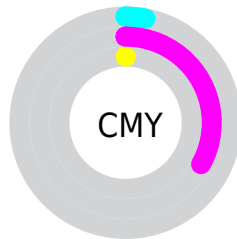
- Red (97%)
- Green (67%)
- Blue (100%)



- Red (97%)
- Yellow (67%)
- Blue (100%)



- Cyan (3%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)




- Cyan (3%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 203.8870, 18.0570, 41.7130 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 203.8870, 18.0570, 41.7130 by changing the saturation by 10% instead.


 203.8870, 18.0570,
41.7130


 203.8870, 18.0570,
41.7130


255.0000, -0.0000,
-0.0000


 176.0610, 17.5070,
40.6670


 239.1510, 7.4250,
14.1210

 148.6480, 17.2320,
40.1440

 122.5230, 16.0860,
38.8860

 96.1100, 15.8110,
38.3630

 70.3980, 14.9400,
37.6280

 44.5120, 14.6190,
37.9390

 24.9090, 11.8230,

33.5430

■ 16.7200, 7.5610,
22.6730

■ 3.4370, -8.3000,
7.2520

■ 203.8870, 18.0570,
41.7130

■ 203.8870, 18.0570,
41.7130

■ 188.0270, 24.0150,
54.8870

■ 219.1600, 12.3740,
29.0620

■ 172.4550, 29.1020,
67.3260

■ 235.3190, 7.0120,
16.1000

■ 156.5950, 35.0600,
80.5000

■ 250.5920, 1.3290,
3.4490

■ 141.0230, 40.1470,
92.9390

■ 255.0000, -0.0000,
-0.0000

■ 125.1630, 46.1050,
106.1130

■ 109.5910, 51.1920,
118.5520

■ 98.1390, 55.8210,
128.2770

Harmonies

Analogous

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



196.2140, -23.2490, 19.3670



203.8870, 18.0570, 41.7130



194.2190, 40.2490, 36.0010

Triad

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



203.8870, 18.0570, 41.7130



195.3090, 55.3890, -18.1390



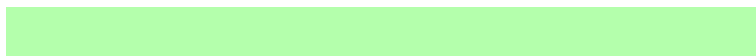
156.9900, -136.1640, -43.3320

Complementary

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



203.8870, 18.0570, 41.7130



223.1130, -18.0570, -41.7130

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.



167.0660, -89.7640, -47.2360



203.8870, 18.0570, 41.7130



190.7450, 21.3260, -34.0820

Square

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



203.8870, 18.0570, 41.7130



193.1060, 64.0510, 1.0990



183.4050, -24.7510, -41.5430



156.4490, -141.5300, -34.1860

Rectangle

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



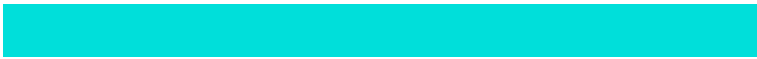
203.8870, 18.0570, 41.7130



190.4570, 50.8420, 25.7380



183.4050, -24.7510, -41.5430



155.7530, -131.3030, -48.8310

Sweetspot

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



203.8870, 18.0570, 41.7130



239.7270, 5.6830, 12.6510



186.1580, -28.8430, 21.6290



118.0100, 3.2080, 7.9440



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.



203.8870, 18.0570, 41.7130



193.8970, 21.2650, 49.6570



202.5170, 33.4180, 33.1460



119.7710, 2.3830, 6.3750



73.5010, 41.7970, 96.0770



24.6380, 14.0240, 32.2000

Inverse Universe

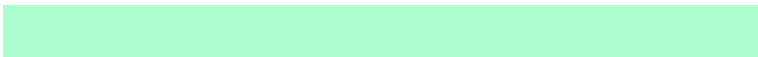
The Inverse Universe completely reimagines the original color for something new.



197.7290, 46.9000, 20.0840



186.6270, 56.1150, 23.7870



224.4830, -33.4180, -33.1460



119.0010, 7.4270, 3.0670



59.1610, 108.0580, 46.0900



19.8200, 36.2180, 15.4340

Previews

White Background



This preview shows how the YIQ color 203.8870, 18.0570, 41.7130 looks on a white background.

Color Contrast Check

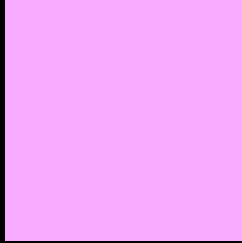
Large Text (above 18pt) WCAG AA × Fail

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 203.8870, 18.0570, 41.7130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

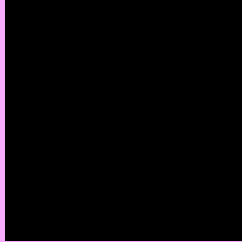
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.8870, 18.0570, 41.7130

Background



This preview shows how black text looks on a background with the YIQ color 203.8870, 18.0570, 41.7130.



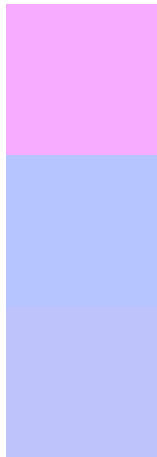
This preview shows how white text looks on a background with the YIQ color 203.8870, 18.0570,

41.7130.

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

203.8870, 18.0570, 41.7130

Protanopia

198.5400, -27.2830, 15.3810

Deuteranopia

199.8890, -20.9560, 16.3560



Tritanopia

201.4540, 28.5610, 16.5370

Trichromacy



Original Color

203.8870, 18.0570, 41.7130



Protanomaly

200.4330, -10.5040, 25.1760



Deuteranomaly

201.5860, -6.5610, 25.3030



Tritanomaly

202.3970, 24.7080, 25.7960

Monochromacy



Original Color

203.8870, 18.0570, 41.7130



Achromatopsia

204.0000, -0.0000, -0.0000



Achromatomaly

203.9060, 6.7370, 15.5770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.8870, 18.0570, 41.7130 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(247, 172, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 172, 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(247, 172, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 172, 255) }
```

Border

The CSS property to change the border of an element to YIQ 203.8870, 18.0570, 41.7130 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(247, 172, 255) }
```


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

```
.border{ border-color:rgb(247, 172, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 172, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 172, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 172, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 172,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 203.8870, 18.0570, 41.7130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 172, 255) }
```

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

```
.background{ background-color: rgb(247,  
172, 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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