

Converting Colors

YIQ(205.9470, 17.8280, 40.3560)

Have a look what the booklet for
YIQ(205.9470, 17.8280, 40.3560)
contains.

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Color

**YIQ(205.9470, 17.8280,
40.3560)**

Conversions

Conversions Part 1

Format	Color
Hex	F8AFFF
RGB	248, 175, 255
RGB Percent	97%, 69%, 100%
CMY	0.0272, 0.3138, 0.0000
CMYK	0.03, 0.31, 0.00, 0.00
HSL	295°, 100%, 84%
HSV	295°, 31%, 100%
XYZ	72.1057, 57.8350, 101.9706
YIQ	205.9470, 17.8280, 40.3560

Conversions

Conversions Part 2

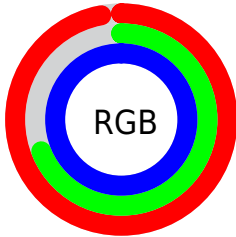
Format	Color
R _Y B	248, 175, 255
Decimal	16297983
CIE _{Lab}	80.65, 39.43, -29.04
CIE _{LCh}	81, 48.975, 323.630
Yxy	57.8350, 0.3109, 0.2494
Android (android.graphics.Color)	4294488063 (0xFFFF8AFFF)
YUV	205.9470, 24.1831, 36.8805
Hunter-Lab	76.0493, 36.1573, -26.2644

Details

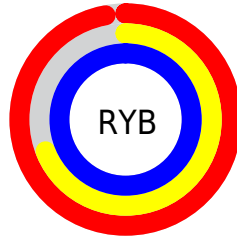
The YIQ color **205.9470, 17.8280, 40.3560** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **224.0530, -17.8280, -40.3560**, and the grayscale version is **206.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9120, 6.6000, 12.5520**, and **150.7080, 17.0030, 38.7870** is the 20% darker color. If you saturate the color by 10%, you get **190.0870, 23.7860, 53.5300**, and if you desaturate by 10%, it is **221.2200, 12.1450, 27.7050**.

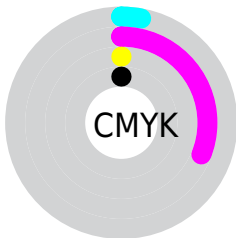
Distribution



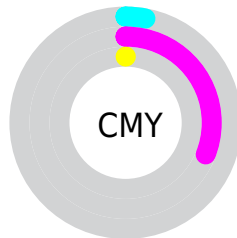
- Red (97%)
- Green (69%)
- Blue (100%)



- Red (97%)
- Yellow (69%)
- Blue (100%)



- Cyan (3%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 205.9470, 17.8280, 40.3560 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 205.9470, 17.8280, 40.3560 by changing the saturation by 10% instead.


 205.9470, 17.8280,
40.3560


 205.9470, 17.8280,
40.3560


255.0000, -0.0000,
-0.0000


 178.1210, 17.2780,
39.3100


 240.9120, 6.6000,
12.5520

 150.7080, 17.0030,
38.7870

 123.9960, 16.1320,
38.0520

 98.1700, 15.5820,
37.0060

 73.0450, 14.4360,
35.7480

 47.4580, 14.7110,
36.2710

 25.5070, 13.0150,

33.9670

■ 16.7200, 7.5610,
22.6730

■ 3.4370, -8.3000,
7.2520

■ 205.9470, 17.8280,
40.3560

■ 205.9470, 17.8280,
40.3560

■ 190.0870, 23.7860,
53.5300

■ 221.2200, 12.1450,
27.7050

■ 174.8140, 29.4690,
66.1810

■ 237.0800, 6.1870,
14.5310

■ 158.6550, 34.8310,
79.1430

■ 252.6520, 1.1000,
2.0920

■ 143.3820, 40.5140,
91.7940

■ 255.0000, -0.0000,
-0.0000

■ 127.5220, 46.4720,
104.9680

■ 112.2490, 52.1550,
117.6190

■ 98.7370, 57.0130,
128.7010

Harmonies

Analogous

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



198.5840, -21.4150, 19.1690



205.9470, 17.8280, 40.3560



196.6810, 38.8280, 34.2200

Triad

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



205.9470, 17.8280, 40.3560



197.3520, 53.8300, -17.4180



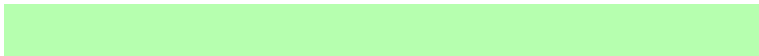
158.2780, -137.0350, -44.0670

Complementary

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



205.9470, 17.8280, 40.3560



224.0530, -17.8280, -40.3560

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.



172.0670, -82.3370, -44.1690



205.9470, 17.8280, 40.3560



193.0870, 20.3630, -33.1490

Square

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



205.9470, 17.8280, 40.3560



195.3230, 61.9420, 0.7740



185.6440, -23.9260, -39.9740



157.6230, -142.0800, -35.2320

Rectangle

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



205.9470, 17.8280, 40.3560



193.1470, 48.7790, 24.5790



185.6440, -23.9260, -39.9740



156.5680, -132.2200, -48.7320

Sweetspot

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



205.9470, 17.8280, 40.3560



240.9010, 5.1330, 11.6050



188.8160, -27.8800, 20.6960



118.5970, 2.9330, 7.4210



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.



205.9470, 17.8280, 40.3560



195.6690, 21.9070, 49.0350



204.3920, 32.2720, 31.8880



119.7710, 2.3830, 6.3750



74.0990, 42.9890, 96.5010



24.6380, 14.0240, 32.2000

Inverse Universe

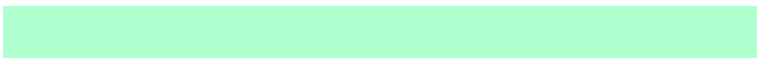
The Inverse Universe completely reimagines the original color for something new.



199.7180, 45.4330, 19.1370



188.0290, 54.9230, 23.3630



225.6080, -32.2720, -31.8880



119.0010, 7.4270, 3.0670



59.0470, 108.3790, 45.7790



19.8200, 36.2180, 15.4340

Previews

White Background



This preview shows how the YIQ color 205.9470, 17.8280, 40.3560 looks on a white background.

Color Contrast Check

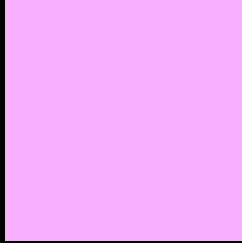
Large Text (above 18pt) WCAG AA × Fail

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 205.9470, 17.8280, 40.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

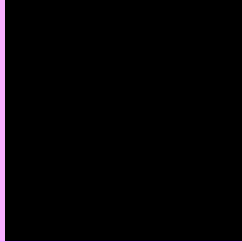
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 205.9470, 17.8280, 40.3560

Background



This preview shows how black text looks on a background with the YIQ color 205.9470, 17.8280, 40.3560.



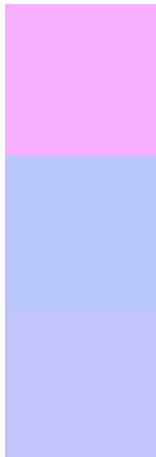
This preview shows how white text looks on a background with the YIQ color 205.9470, 17.8280,

40.3560.

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

205.9470, 17.8280, 40.3560

Protanopia

201.1980, -26.3200, 14.4480

Deuteranopia

202.2590, -19.1220, 16.1580



Tritanopia

203.7420, 27.6900, 15.8020

Trichromacy



Original Color

205.9470, 17.8280, 40.3560



Protanomaly

202.7920, -10.1370, 24.0310



Deuteranomaly

203.6570, -5.3230, 24.8930



Tritanomaly

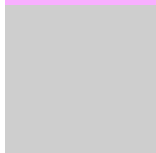
204.5710, 24.1580, 24.7500

Monochromacy



Original Color

205.9470, 17.8280, 40.3560



Achromatopsia

206.0000, -0.0000, 0.0000



Achromatomaly

206.0800, 6.1870, 14.5310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.9470, 17.8280, 40.3560 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(248, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 175, 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(248, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 175, 255) }
```

Border

The CSS property to change the border of an element to YIQ 205.9470, 17.8280, 40.3560 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(248, 175, 255) }
```


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

```
.border{ border-color:rgb(248, 175, 255) }
```

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

Here you see how a box with a 4 pixel rgb(248, 175, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 175,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 205.9470, 17.8280, 40.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 175, 255) }
```

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

```
.background{ background-color: rgb(248,  
175, 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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