

Converting Colors

YIQ(205.3880, 20.9000, 39.7480)

Have a look what the booklet for
YIQ(205.3880, 20.9000, 39.7480)
contains.

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Color

**YIQ(205.3880, 20.9000,
39.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	FAAEFA
RGB	250, 174, 250
RGB Percent	98%, 68%, 98%
CMY	0.0194, 0.3177, 0.0196
CMYK	0.00, 0.30, 0.00, 0.02
HSL	300°, 89%, 83%
HSV	300°, 30%, 98%
XYZ	71.8314, 57.4971, 97.7597
YIQ	205.3880, 20.9000, 39.7480

Conversions

Conversions Part 2

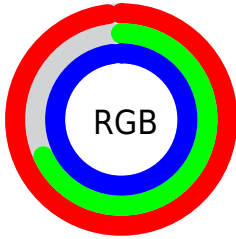
Format	Color
R _Y B	250, 174, 250
Decimal	16428794
CIE _{Lab}	80.46, 39.67, -26.64
CIE _{LCh}	80, 47.781, 326.120
Y _{xy}	57.4971, 0.3163, 0.2532
Android (android.graphics.Color)	4294618874 (0xFFFAAEFA)
Y _{UV}	205.3880, 21.9937, 39.1247
Hunter-Lab	75.8268, 36.3976, -23.3608

Details

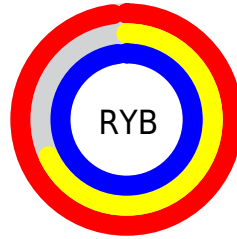
The YIQ color $205.3880, 20.9000, 39.7480$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $218.6120, -20.9000, -39.7480$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $240.3250, 6.8750, 13.0750$, and $149.8500, 19.4790, 37.9670$ is the 20% darker color. If you saturate the color by 10%, you get $190.7130, 27.7750, 52.8230$, and if you desaturate by 10%, it is $220.0630, 14.0250, 26.6730$.

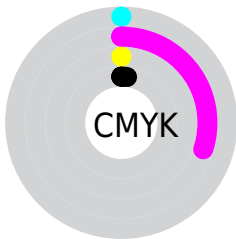
Distribution



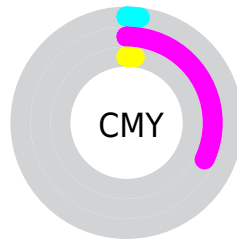
- Red (98%)
- Green (68%)
- Blue (98%)



- Red (98%)
- Yellow (68%)
- Blue (98%)



- Cyan (0%)
- Magenta (30%)
- Yellow (0%)
- Black (2%)





- Cyan (2%)
- Magenta (32%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 205.3880, 20.9000, 39.7480 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 205.3880, 20.9000, 39.7480 by changing the saturation by 10% instead.

 205.3880, 20.9000,
39.7480


 205.3880, 20.9000,
39.7480


255.0000, -0.0000,
-0.0000


 177.5620, 20.3500,
38.7020


 240.3250, 6.8750,
13.0750

 149.8500, 19.4790,
37.9670

 123.4370, 19.2040,
37.4440

 97.4260, 17.7370,
36.4970

 72.0130, 17.4620,
35.9740

 46.1270, 17.1410,
36.2850

 25.3500, 14.8950,

32.9350

■ 16.8620, 10.0370,
21.8530

■ 2.9810, -7.0160,
6.0080

■ 205.3880, 20.9000,
39.7480

■ 205.3880, 20.9000,
39.7480

■ 190.7130, 27.7750,
52.8230

■ 220.0630, 14.0250,
26.6730

■ 176.0380, 34.6500,
65.8980

■ 234.7380, 7.1500,
13.5980

■ 161.3630, 41.5250,
78.9730

■ 249.4130, 0.2750,
0.5230

■ 146.6880, 48.4000,
92.0480

■ 252.9350, -1.3750,
-2.6150

■ 132.0130, 55.2750,
105.1230

■ 117.3380, 62.1500,
118.1980

■ 103.2500, 68.7500,
130.7500

Harmonies

Analogous

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



198.9050, -17.8850, 21.2750



205.3880, 20.9000, 39.7480



196.1110, 40.4330, 32.6650

Triad

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



205.3880, 20.9000, 39.7480



196.5580, 50.2540, -18.6900



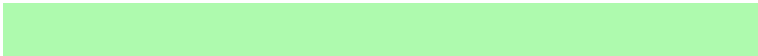
157.3320, -137.1270, -42.3990

Complementary

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



205.3880, 20.9000, 39.7480



218.6120, -20.9000, -39.7480

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.



171.9250, -84.8130, -43.3490



205.3880, 20.9000, 39.7480



192.2330, 17.0160, -33.0640

Square

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



205.3880, 20.9000, 39.7480



195.7960, 61.9880, -0.0600



185.2030, -26.9980, -39.3660



156.4490, -141.5300, -34.1860

Rectangle

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



205.3880, 20.9000, 39.7480



193.2780, 49.7880, 22.8120



185.2030, -26.9980, -39.3660



156.3230, -132.9080, -47.2760

Sweetspot

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



205.3880, 20.9000, 39.7480



241.4990, 6.3250, 12.0290



182.6640, -24.3960, 23.6360



119.0810, 4.4460, 7.5340



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.



205.3880, 20.9000, 39.7480



199.8220, 25.8500, 49.1620



201.0560, 33.0980, 27.9300



117.3690, 3.5750, 6.7990



78.0570, 51.9750, 98.8470



25.1930, 16.7750, 31.9030

Inverse Universe

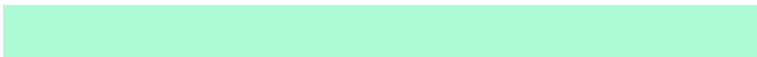
The Inverse Universe completely reimagines the original color for something new.



205.3880, 20.9000, 39.7480



199.8220, 25.8500, 49.1620



222.9440, -33.0980, -27.9300



117.3690, 3.5750, 6.7990



78.0570, 51.9750, 98.8470



25.1930, 16.7750, 31.9030

Previews

White Background



This preview shows how the YIQ color 205.3880, 20.9000, 39.7480 looks on a white background.

Color Contrast Check

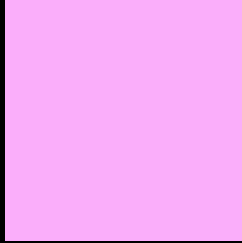
Large Text (above 18pt) WCAG AA × Fail

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 205.3880, 20.9000, 39.7480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

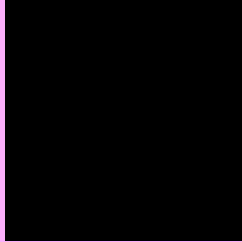
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 205.3880, 20.9000, 39.7480

Background



This preview shows how black text looks on a background with the YIQ color 205.3880, 20.9000, 39.7480.



This preview shows how white text looks on a background with the YIQ color 205.3880, 20.9000,

39.7480.

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

205.3880, 20.9000, 39.7480

Protanopia

200.6110, -26.0450, 14.9710

Deuteranopia

201.7000, -16.0500, 15.5500



Tritanopia

203.2370, 30.6700, 16.8620

Trichromacy



Original Color

205.3880, 20.9000, 39.7480



Protanomaly

202.2760, -8.6240, 24.1440



Deuteranomaly

203.0980, -2.2510, 24.2850



Tritanomaly

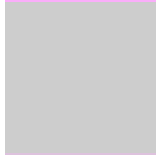
203.9520, 27.4590, 25.4990

Monochromacy



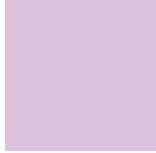
Original Color

205.3880, 20.9000, 39.7480



Achromatopsia

205.0000, -0.0000, 0.0000



Achromatomaly

205.1510, 7.4250, 14.1210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.3880, 20.9000, 39.7480 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, 174, 250)` looks like.

```
.text, #text, p{  
    color:rgb(250, 174, 250)  
}
```

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, 174, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 174, 250) }
```

Border

The CSS property to change the border of an element to YIQ 205.3880, 20.9000, 39.7480 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, 174, 250) }
```


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

```
.border{ border-color:rgb(250, 174, 250) }
```

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

Here you see how a box with a 4 pixel rgb(250, 174, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 174, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 174, 250);  
box-shadow:4px 4px 4px 4px rgb(250, 174,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 205.3880, 20.9000, 39.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 174, 250) }
```

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

```
.background{ background-color: rgb(250,  
174, 250) }
```

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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