

Converting Colors

YIQ(199.7130, 26.6340, 23.9300)

Have a look what the booklet for
YIQ(199.7130, 26.6340, 23.9300)
contains.

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Color

**YIQ(199.7130, 26.6340,
23.9300)**

Conversions

Conversions Part 1

Format	Color
Hex	F0B1D3
RGB	240, 177, 211
RGB Percent	94%, 69%, 83%
CMY	0.0586, 0.3060, 0.1725
CMYK	0.00, 0.26, 0.12, 0.06
HSL	328°, 68%, 82%
HSV	328°, 26%, 94%
XYZ	63.4273, 54.6709, 68.8509
YIQ	199.7130, 26.6340, 23.9300

Conversions

Conversions Part 2

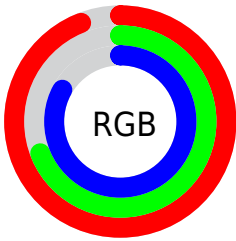
Format	Color
R _Y B	240, 177, 211
Decimal	15774163
CIE Lab	78.85, 28.09, -8.13
CIE LCh	79, 29.244, 343.864
Yxy	54.6709, 0.3393, 0.2924
Android (android.graphics.Color)	4293964243 (0xFFFF0B1D3)
YUV	199.7130, 5.5645, 35.3317
Hunter-Lab	73.9398, 23.7270, -3.4515

Details

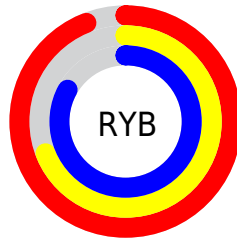
The YIQ color **199.7130, 26.6340, 23.9300** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **217.2870, -26.6340, -23.9300**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **242.0860, 6.0500, 11.5060**, and **145.2890, 24.8920, 22.4600** is the 20% darker color. If you saturate the color by 10%, you get **184.3710, 36.7650, 33.0610**, and if you desaturate by 10%, it is **215.0550, 16.5030, 14.7990**.

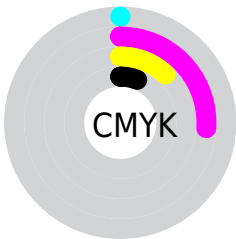
Distribution



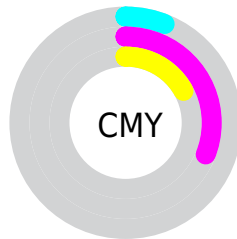
- Red (94%)
- Green (69%)
- Blue (83%)



- Red (94%)
- Yellow (69%)
- Blue (83%)



- Cyan (0%)
- Magenta (26%)
- Yellow (12%)
- Black (6%)





- Cyan (6%)
- Magenta (31%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.7130, 26.6340, 23.9300 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 199.7130, 26.6340, 23.9300 by changing the saturation by 10% instead.


 199.7130, 26.6340,
23.9300


 199.7130, 26.6340,
23.9300


255.0000, -0.0000,
-0.0000


 172.0010, 25.7630,
23.1950


 242.0860, 6.0500,
11.5060

 145.4030, 24.5710,
22.7710

 118.9900, 24.2960,
22.2480

 93.9790, 22.8290,
21.3010

 69.3810, 21.6370,
20.8770

 45.7830, 20.4450,
20.4530

 22.1250, 19.4820,

21.3860

■ 11.8760, 15.4490,
11.8730

■ 0.0000, 0.0000,
0.0000

■ 199.7130, 26.6340,
23.9300

■ 199.7130, 26.6340,
23.9300

■ 184.3710, 36.7650,
33.0610

■ 215.0550, 16.5030,
14.7990

■ 169.0290, 46.8960,
42.1920

■ 230.3970, 6.3720,
5.6680

■ 153.6870, 57.0270,
51.3230

■ 245.7390, -3.7590,
-3.4630

■ 138.3450, 67.1580,
60.4540

■ 250.5150, -8.9400,
-3.1800

■ 123.0030, 77.2890,
69.5850

■ 107.6610, 87.4200,
78.7160

■ 92.3190, 97.5510,
87.8470

■ 86.5800, 101.3100,
91.3100

Harmonies

Analogous

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



199.0830, 2.1050, 22.4330



199.7130, 26.6340, 23.9300



198.3370, 42.1320, 18.3880

Triad

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



199.7130, 26.6340, 23.9300



192.2250, 20.6350, -16.0450



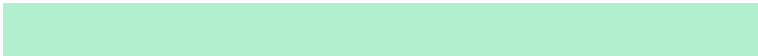
183.2280, -62.5360, -12.0400

Complementary

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



199.7130, 26.6340, 23.9300



217.2870, -26.6340, -23.9300

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.



182.1500, -53.8690, -20.4370



199.7130, 26.6340, 23.9300



189.1340, -4.2140, -22.7580

Square

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



199.7130, 26.6340, 23.9300



194.8300, 38.2850, -5.5150



185.2480, -30.8980, -23.7460



188.8910, -50.8010, 1.0630

Rectangle

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



199.7130, 26.6340, 23.9300



197.8610, 46.1680, 11.3200



185.2480, -30.8980, -23.7460



182.1200, -62.3520, -15.3760

Sweetspot

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



199.7130, 26.6340, 23.9300



242.2340, 8.3890, 7.6610



192.5540, -3.5350, 25.5290



119.6850, 5.5010, 4.9330



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.



199.7130, 26.6340, 23.9300



202.5340, 34.7480, 31.0680



196.1790, 36.5850, 14.2890



112.2720, 5.2260, 4.4100



66.3020, 77.8850, 69.7970



20.1640, 23.7460, 21.2020

Inverse Universe

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



199.7130, 26.6340, 23.9300



202.5340, 34.7480, 31.0680



220.8210, -36.5850, -14.2890



112.2720, 5.2260, 4.4100



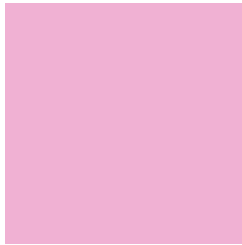
66.3020, 77.8850, 69.7970



20.1640, 23.7460, 21.2020

Previews

White Background



This preview shows how the YIQ color 199.7130, 26.6340, 23.9300 looks on a white background.

Color Contrast Check

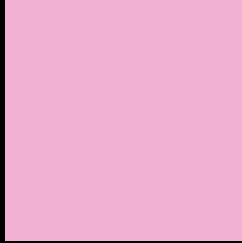
Large Text (above 18pt) WCAG AA × Fail

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 199.7130, 26.6340, 23.9300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

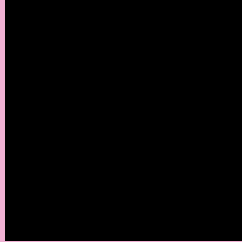
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.7130, 26.6340, 23.9300

Background



This preview shows how black text looks on a background with the YIQ color 199.7130, 26.6340, 23.9300.



This preview shows how white text looks on a background with the YIQ color 199.7130, 26.6340,

23.9300.

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

199.7130, 26.6340, 23.9300

Protanopia

196.2950, -10.7760, 8.0720

Deuteranopia

197.8470, 5.2250, 9.9370



Tritanopia

198.9380, 30.0740, 16.6500

Trichromacy



Original Color

199.7130, 26.6340, 23.9300



Protanomaly

197.6990, 2.8860, 13.7820



Deuteranomaly

198.3150, 12.8350, 15.1950



Tritanomaly

199.3340, 29.0190, 19.2510

Monochromacy



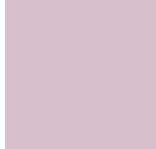
Original Color

199.7130, 26.6340, 23.9300



Achromatopsia

200.0000, -0.0000, -0.0000



Achromatomaly

200.2450, 9.8560, 8.6080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.7130, 26.6340, 23.9300 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(240, 177, 211)` looks like.

```
.text, #text, p{  
    color:rgb(240, 177, 211)  
}
```

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(240, 177, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 177, 211) }
```

Border

The CSS property to change the border of an element to YIQ 199.7130, 26.6340, 23.9300 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(240, 177, 211) }
```


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

```
.border{ border-color:rgb(240, 177, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 177, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 177, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 177, 211);  
box-shadow:4px 4px 4px 4px rgb(240, 177,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 199.7130, 26.6340, 23.9300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 177, 211) }
```

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

```
.background{ background-color: rgb(240,  
177, 211) }
```

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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