

Converting Colors

YIQ(199.9350, 16.9610, 17.5130)

Have a look what the booklet for
YIQ(199.9350, 16.9610, 17.5130)
contains.

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Color

**YIQ(199.9350, 16.9610,
17.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B8D3
RGB	227, 184, 211
RGB Percent	89%, 72%, 83%
CMY	0.1097, 0.2785, 0.1725
CMYK	0.00, 0.19, 0.07, 0.11
HSL	322°, 43%, 81%
HSV	322°, 19%, 89%
XYZ	60.5842, 55.3131, 69.1192
YIQ	199.9350, 16.9610, 17.5130

Conversions

Conversions Part 2

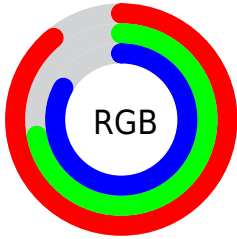
Format	Color
R _Y B	227, 184, 211
Decimal	14923987
CIE Lab	79.22, 19.87, -7.71
CIE LCh	79, 21.314, 338.786
Yxy	55.3131, 0.3275, 0.2990
Android (android.graphics.Color)	4293114067 (0xFFE3B8D3)
YUV	199.9350, 5.4550, 23.7360
Hunter-Lab	74.3728, 15.2542, -3.0409

Details

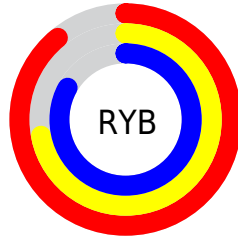
The YIQ color **199.9350, 16.9610, 17.5130** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **211.0650, -16.9610, -17.5130**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **246.1950, 4.1250, 7.8450**, and **145.8100, 15.8150, 16.2550** is the 20% darker color. If you saturate the color by 10%, you get **185.5220, 25.8540, 27.0540**, and if you desaturate by 10%, it is **214.3480, 8.0680, 7.9720**.

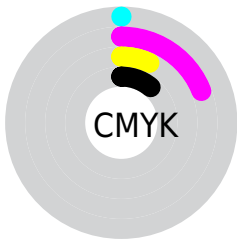
Distribution



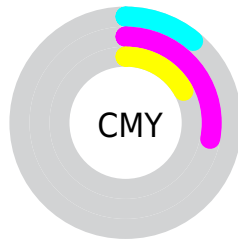
- Red (89%)
- Green (72%)
- Blue (83%)



- Red (89%)
- Yellow (72%)
- Blue (83%)



- Cyan (0%)
- Magenta (19%)
- Yellow (7%)
- Black (11%)





- Cyan (11%)
- Magenta (28%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.9350, 16.9610, 17.5130 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 199.9350, 16.9610, 17.5130 by changing the saturation by 10% instead.


 199.9350, 16.9610,
17.5130


 199.9350, 16.9610,
17.5130


255.0000, -0.0000,
-0.0000


 172.5220, 16.6860,
16.9900


 246.1950, 4.1250,
7.8450

 145.9240, 15.4940,
16.5660

 119.5110, 15.2190,
16.0430

 95.0980, 14.9440,
15.5200

 71.0870, 13.4770,
14.5730

 47.7880, 12.8810,
14.3610

 26.1900, 11.6890,

13.9370

■ 9.7830, 11.2770,
10.3890

■ 0.0000, 0.0000,
0.0000

■ 199.9350, 16.9610,
17.5130

■ 199.9350, 16.9610,
17.5130

■ 185.5220, 25.8540,
27.0540

■ 214.3480, 8.0680,
7.9720

■ 171.5820, 34.7930,
35.7610

■ 228.2880, -0.8710,
-0.7350

■ 157.1690, 43.6860,
45.3020

■ 242.7010, -9.7640,
-10.2760

■ 142.6420, 52.9000,
54.5320

■ 245.4880,
-13.4780, -9.0460

■ 128.2290, 61.7930,
64.0730

■ 246.4000,
-16.0460, -6.5580

■ 114.2890, 70.7320,
72.7800

■ 246.6280,
-16.6880, -5.9360

■ 99.8760, 79.6250,
82.3210

■ 85.3490, 88.8390,
91.5510

■ 84.1750, 89.3890,
92.5970

Harmonies

Analogous

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



198.7140, -1.4700, 15.6340



199.9350, 16.9610, 17.5130



199.4710, 29.8910, 14.4590

Triad

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



199.9350, 16.9610, 17.5130



195.1310, 18.2040, -10.5320



188.7590, -42.0420, -9.0020

Complementary

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



199.9350, 16.9610, 17.5130



211.0650, -16.9610, -17.5130

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.



188.7780, -35.0260, -15.0100



199.9350, 16.9610, 17.5130



192.6880, 0.2780, -16.0580

Square

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



199.9350, 16.9610, 17.5130



196.7460, 29.8940, -2.1220



189.6950, -18.7950, -17.3150



192.0790, -36.7710, 0.1010

Rectangle

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



199.9350, 16.9610, 17.5130



198.5760, 33.7890, 9.8930



189.6950, -18.7950, -17.3150



188.4770, -41.3080, -11.2920

Sweetspot

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



199.9350, 16.9610, 17.5130



245.5110, 6.0510, 5.9790



193.6860, -4.2670, 16.7650



122.2610, 3.7590, 3.4630



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.



199.9350, 16.9610, 17.5130



217.8590, 23.2870, 24.0150



197.5410, 23.7020, 10.9820



107.3860, 4.9050, 4.7210



66.2890, 70.7320, 72.7800



18.8970, 20.1240, 20.7640

Inverse Universe

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



199.9350, 16.9610, 17.5130



217.8590, 23.2870, 24.0150



213.4590, -23.7020, -10.9820



107.3860, 4.9050, 4.7210



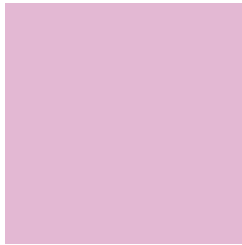
66.2890, 70.7320, 72.7800



18.8970, 20.1240, 20.7640

Previews

White Background



This preview shows how the YIQ color 199.9350, 16.9610, 17.5130 looks on a white background.

Color Contrast Check

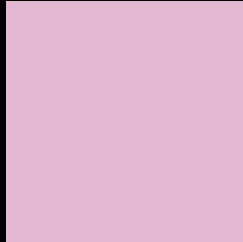
Large Text (above 18pt) WCAG AA × Fail

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 199.9350, 16.9610, 17.5130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

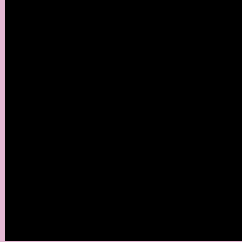
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.9350, 16.9610, 17.5130

Background



This preview shows how black text looks on a background with the YIQ color 199.9350, 16.9610, 17.5130.



This preview shows how white text looks on a background with the YIQ color 199.9350, 16.9610,

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

199.9350, 16.9610, 17.5130

Protanopia

197.3230, -7.9790, 6.9410

Deuteranopia

198.5480, 4.6290, 9.7250



Tritanopia

199.5560, 19.3460, 12.8340

Trichromacy



Original Color

199.9350, 16.9610, 17.5130

Protanomaly

198.2210, 1.2360, 10.6440

Deuteranomaly

198.8800, 9.6260, 12.7780

Tritanomaly

199.4250, 18.3370, 14.6010

Monochromacy



Original Color

199.9350, 16.9610, 17.5130

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.9240, 6.3260, 6.5020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.9350, 16.9610, 17.5130 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(227, 184, 211)` looks like.

```
.text, #text, p{  
    color:rgb(227, 184, 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(227, 184, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 184, 211) }
```

Border

The CSS property to change the border of an element to YIQ 199.9350, 16.9610, 17.5130 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(227, 184, 211) }
```


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

```
.border{ border-color:rgb(227, 184, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 184, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 184, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 184, 211);  
box-shadow:4px 4px 4px 4px rgb(227, 184,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 199.9350, 16.9610, 17.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 184, 211) }
```

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

```
.background{ background-color: rgb(227,  
184, 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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