

Converting Colors

YIQ(199.5640, 16.8680, 24.7080)

Have a look what the booklet for
YIQ(199.5640, 16.8680, 24.7080)
contains.

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Color

**YIQ(199.5640, 16.8680,
24.7080)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B3DF
RGB	231, 179, 223
RGB Percent	91%, 70%, 87%
CMY	0.0940, 0.2981, 0.1255
CMYK	0.00, 0.23, 0.03, 0.09
HSL	309°, 52%, 80%
HSV	309°, 23%, 91%
XYZ	62.4036, 54.5550, 77.0591
YIQ	199.5640, 16.8680, 24.7080

Conversions

Conversions Part 2

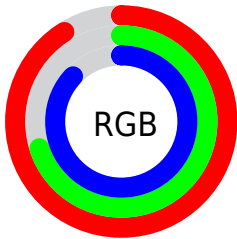
Format	Color
R _Y B	231, 179, 223
Decimal	15184863
CIE Lab	78.78, 26.02, -14.81
CIE LCh	79, 29.938, 330.350
Yxy	54.5550, 0.3216, 0.2812
Android (android.graphics.Color)	4293374943 (0xFFE7B3DF)
YUV	199.5640, 11.5539, 27.5694
Hunter-Lab	73.8613, 21.5528, -10.1540

Details

The YIQ color $199.5640, 16.8680, 24.7080$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $210.4360, -16.8680, -24.7080$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $243.2600, 5.5000, 10.4600$, and $145.4390, 15.7220, 23.4500$ is the 20% darker color. If you saturate the color by 10%, you get $185.6070, 24.4770, 35.4930$, and if you desaturate by 10%, it is $213.5210, 9.2590, 13.9230$.

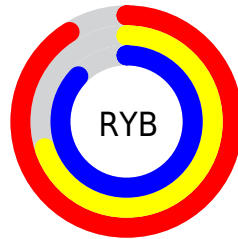
Distribution



Red (91%)

Green (70%)

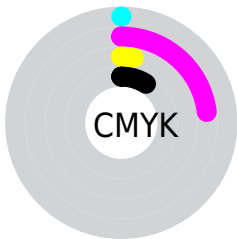
Blue (87%)



Red (91%)

Yellow (70%)

Blue (87%)

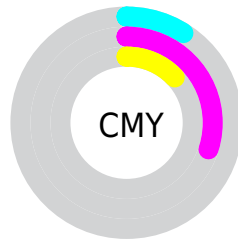


Cyan (0%)

Magenta (23%)

Yellow (3%)

Black (9%)



Cyan (9%)

Magenta (30%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.5640, 16.8680, 24.7080 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 199.5640, 16.8680, 24.7080 by changing the saturation by 10% instead.

199.5640, 16.8680,
24.7080

199.5640, 16.8680,
24.7080

255.0000, -0.0000,
-0.0000

172.1510, 16.5930,
24.1850

243.2600, 5.5000,
10.4600

145.4390, 15.7220,
23.4500

119.0260, 15.4470,
22.9270

94.3140, 14.5760,
22.1920

69.6020, 13.7050,
21.4570

46.8900, 12.8340,
20.7220

23.5910, 12.2380,

20.5100

■ 11.5210, 9.2590,
13.9230

■ 0.0000, 0.0000,
0.0000

■ 199.5640, 16.8680,
24.7080

■ 199.5640, 16.8680,
24.7080

■ 185.6070, 24.4770,
35.4930

■ 213.5210, 9.2590,
13.9230

■ 171.7640, 31.7650,
46.5890

■ 227.3640, 1.9710,
2.8270

■ 157.8070, 39.3740,
57.3740

■ 241.3210, -5.6380,
-7.9580

■ 143.9640, 46.6620,
68.4700

■ 245.7720, -8.5260,
-10.6860

129.4200, 54.5460,
79.7780

246.2280, -9.8100,
-9.4420

115.5770, 61.8340,
90.8740

246.5700,
-10.7730, -8.5090

101.6200, 69.4430,
101.6590

247.0260,
-12.0570, -7.2650

91.2990, 75.0810,
109.6170

247.4820,
-13.3410, -6.0210

247.8240,
-14.3040, -5.0880

Harmonies

Analogous

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



197.8580, -10.5030, 19.6490



199.5640, 16.8680, 24.7080



199.5200, 37.3630, 22.2190

Triad

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



199.5640, 16.8680, 24.7080



193.4220, 30.4460, -12.1300



181.4680, -63.4520, -17.4680

Complementary

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



199.5640, 16.8680, 24.7080



210.4360, -16.8680, -24.7080

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.



183.0490, -46.3950, -23.7310



199.5640, 16.8680, 24.7080



190.5330, 7.8440, -21.0200

Square

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



199.5640, 16.8680, 24.7080



196.0420, 43.7400, 0.2520



186.8810, -19.6190, -24.4110



185.4120, -59.8780, -5.1420

Rectangle

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



199.5640, 16.8680, 24.7080



198.2510, 45.2500, 16.9460



186.8810, -19.6190, -24.4110



181.0400, -59.3710, -19.8430

Sweetspot

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



199.5640, 16.8680, 24.7080



244.0920, 5.9130, 8.4810



187.3200, -11.9240, 17.8680



121.3150, 3.6670, 5.1310



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.



199.5640, 16.8680, 24.7080



213.2430, 22.5060, 32.6660



196.6000, 25.2140, 16.6220



107.7280, 3.9420, 5.6540



70.7350, 58.2130, 84.9090



20.1510, 16.5930, 24.1850

Inverse Universe

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



199.5640, 16.8680, 24.7080



213.2430, 22.5060, 32.6660



213.4000, -25.2140, -16.6220



107.7280, 3.9420, 5.6540



70.7350, 58.2130, 84.9090



20.1510, 16.5930, 24.1850

Previews

White Background



This preview shows how the YIQ color 199.5640, 16.8680, 24.7080 looks on a white background.

Color Contrast Check

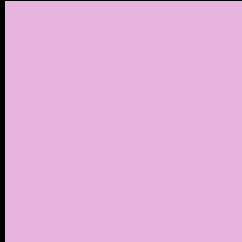
Large Text (above 18pt) WCAG AA × Fail

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 199.5640, 16.8680, 24.7080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

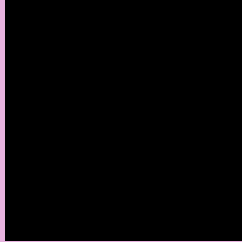
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.5640, 16.8680, 24.7080

Background



This preview shows how black text looks on a background with the YIQ color 199.5640, 16.8680, 24.7080.



This preview shows how white text looks on a background with the YIQ color 199.5640, 16.8680,

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

199.5640, 16.8680, 24.7080

Protanopia

196.3530, -16.6910, 10.6450

Deuteranopia

197.1220, -2.7990, 12.1850



Tritanopia

198.1650, 22.0050, 14.2050

Trichromacy



Original Color

199.5640, 16.8680, 24.7080

Protanomaly

197.7460, -4.4960, 15.4080

Deuteranomaly

198.1770, 4.5360, 16.9200

Tritanomaly

198.9030, 19.9870, 17.7390

Monochromacy



Original Color

199.5640, 16.8680, 24.7080

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.5050, 6.1880, 9.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.5640, 16.8680, 24.7080 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(231, 179, 223)` looks like.

```
.text, #text, p{  
    color:rgb(231, 179, 223)  
}
```

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(231, 179, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 179, 223) }
```

Border

The CSS property to change the border of an element to YIQ 199.5640, 16.8680, 24.7080 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(231, 179, 223) }
```


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

```
.border{ border-color:rgb(231, 179, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 179, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 179, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 179, 223);  
box-shadow:4px 4px 4px 4px rgb(231, 179,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 199.5640, 16.8680, 24.7080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 179, 223) }
```

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

```
.background{ background-color: rgb(231,  
179, 223) }
```

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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