

Converting Colors

YIQ(173.0120, 18.0620, 14.0780)

Have a look what the booklet for
YIQ(173.0120, 18.0620, 14.0780)
contains.

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Color

**YIQ(173.0120, 18.0620,
14.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	C79FB1
RGB	199, 159, 177
RGB Percent	78%, 62%, 69%
CMY	0.2195, 0.3765, 0.3058
CMYK	0.00, 0.20, 0.11, 0.22
HSL	333°, 26%, 70%
HSV	333°, 20%, 78%
XYZ	43.8929, 40.1112, 47.0315
YIQ	173.0120, 18.0620, 14.0780

Conversions

Conversions Part 2

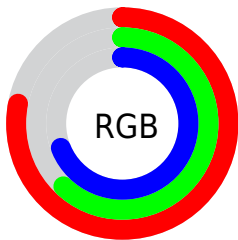
Format	Color
R_{YB}	199, 159, 177
Decimal	13082545
CIE _{Lab}	69.55, 17.73, -3.69
CIE _{LCh}	70, 18.110, 348.255
Yxy	40.1112, 0.3350, 0.3061
Android (android.graphics.Color)	4291272625 (0xFFC79FB1)
YUV	173.0120, 1.9661, 22.7915
Hunter-Lab	63.3334, 12.8750, 0.3046

Details

The YIQ color **173.0120, 18.0620, 14.0780** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **184.9880, -18.0620, -14.0780**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **228.4250, 18.3370, 14.6010**, and **120.3000, 17.1910, 13.3430** is the 20% darker color. If you saturate the color by 10%, you get **160.0180, 27.0930, 21.1170**, and if you desaturate by 10%, it is **186.0060, 9.0310, 7.0390**.

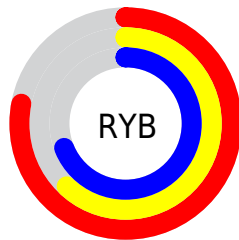
Distribution



Red (78%)

Green (62%)

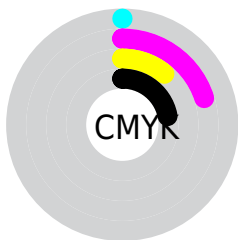
Blue (69%)



Red (78%)

Yellow (62%)

Blue (69%)

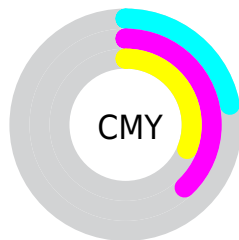


Cyan (0%)

Magenta (20%)

Yellow (11%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 173.0120, 18.0620, 14.0780 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 173.0120, 18.0620, 14.0780 by changing the saturation by 10% instead.


 173.0120, 18.0620,
14.0780

 173.0120, 18.0620,
14.0780


255.0000, -0.0000,
-0.0000


 146.3000, 17.1910,
13.3430


 228.4250, 18.3370,
14.6010


 120.3000, 17.1910,
13.3430

 247.3690, 3.5750,
6.7990

 95.7020, 15.9990,
12.9190

 71.4030, 15.4030,
12.7070

 48.3920, 13.9360,
11.7600

 26.7940, 12.7440,
11.3360

 9.2840, 14.1200,

8.4240

■ 0.0000, 0.0000,
0.0000

■ 173.0120, 18.0620,
14.0780

■ 173.0120, 18.0620,
14.0780

■ 160.0180, 27.0930,
21.1170

■ 186.0060, 9.0310,
7.0390

■ 147.0240, 36.1240,
28.1560

■ 199.0000, -0.0000,
0.0000

■ 134.0300, 45.1550,
35.1950

■ 211.9940, -9.0310,
-7.0390

■ 121.0360, 54.1860,
42.2340

■ 224.9880,
-18.0620, -14.0780

■ 108.0420, 63.2170,
49.2730

■ 235.6340,
-25.9930, -19.0250

■ 95.6350, 71.9730,
55.7890

■ 236.8880,
-29.5240, -15.6040

■ 82.6410, 81.0040,
62.8280

■ 238.1420,
-33.0550, -12.1830

■ 69.7610, 89.7140,
70.1780

■ 238.2560,
-33.3760, -11.8720

Harmonies

Analogous

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



172.8840, 3.8030, 13.6830



173.0120, 18.0620, 14.0780



172.5690, 26.4990, 9.8510

Triad

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



173.0120, 18.0620, 14.0780



168.2380, 10.5930, -10.2630



164.5860, -34.0650, -4.8890

Complementary

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



173.0120, 18.0620, 14.0780



184.9880, -18.0620, -14.0780

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.



163.1530, -31.5880, -11.2360



173.0120, 18.0620, 14.0780



165.9310, -4.7200, -13.5840

Square

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



173.0120, 18.0620, 14.0780



170.2720, 22.4210, -4.3550



164.3190, -20.4920, -14.0920



167.3360, -27.1890, 2.6590

Rectangle

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



173.0120, 18.0620, 14.0780



171.7170, 28.8380, 6.0060



164.3190, -20.4920, -14.0920



163.8200, -34.8440, -7.2920

Sweetspot

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



173.0120, 18.0620, 14.0780



245.2830, 6.6930, 5.3570



169.8390, -0.3240, 16.8920



122.1470, 4.0800, 3.1520



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.



173.0120, 18.0620, 14.0780



215.3170, 27.6890, 21.3290



171.5470, 23.5650, 7.9570



93.1470, 4.0800, 3.1520



57.0590, 73.7150, 57.2590



12.5880, 16.3200, 12.6080

Inverse Universe

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



173.0120, 18.0620, 14.0780



215.3170, 27.6890, 21.3290



186.4530, -23.5650, -7.9570



93.1470, 4.0800, 3.1520



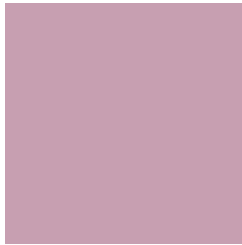
57.0590, 73.7150, 57.2590



12.5880, 16.3200, 12.6080

Previews

White Background



This preview shows how the YIQ color 173.0120, 18.0620, 14.0780 looks on a white background.

Color Contrast Check

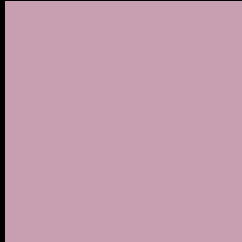
Large Text (above 18pt) WCAG AA × Fail

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 173.0120, 18.0620, 14.0780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

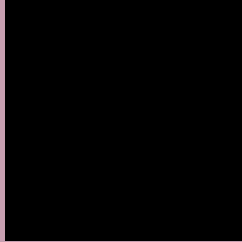
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 173.0120, 18.0620, 14.0780

Background



This preview shows how black text looks on a background with the YIQ color 173.0120, 18.0620, 14.0780.



This preview shows how white text looks on a background with the YIQ color 173.0120, 18.0620,

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

173.0120, 18.0620, 14.0780

Protanopia

170.5960, -4.4940, 4.3540

Deuteranopia

171.9350, 7.7930, 7.4490



Tritanopia

172.7300, 18.7960, 11.7880

Trichromacy



Original Color

173.0120, 18.0620, 14.0780

Protanomaly

171.3090, 3.8040, 8.1560

Deuteranomaly

172.2560, 11.3230, 9.5550

Tritanomaly

172.9580, 18.1540, 12.4100

Monochromacy



Original Color

173.0120, 18.0620, 14.0780

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.8700, 6.4180, 4.8340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.0120, 18.0620, 14.0780 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(199, 159, 177)` looks like.

```
.text, #text, p{  
    color:rgb(199, 159, 177)  
}
```

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(199, 159, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 159, 177) }
```

Border

The CSS property to change the border of an element to YIQ 173.0120, 18.0620, 14.0780 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(199, 159, 177) }
```


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

```
.border{ border-color:rgb(199, 159, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 159, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 159, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 159, 177);  
box-shadow:4px 4px 4px 4px rgb(199, 159,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 173.0120, 18.0620, 14.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 159, 177) }
```

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

```
.background{ background-color: rgb(199,  
159, 177) }
```

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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