

Converting Colors

YIQ(171.4250, 18.3370, 14.6010)

Have a look what the booklet for
YIQ(171.4250, 18.3370, 14.6010)
contains.

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Color

**YIQ(171.4250, 18.3370,
14.6010)**

Conversions

Conversions Part 1

Format	Color
Hex	C69DB0
RGB	198, 157, 176
RGB Percent	78%, 62%, 69%
CMY	0.2234, 0.3844, 0.3097
CMYK	0.00, 0.21, 0.11, 0.22
HSL	332°, 26%, 70%
HSV	332°, 21%, 78%
XYZ	43.1881, 39.2529, 46.3823
YIQ	171.4250, 18.3370, 14.6010

Conversions

Conversions Part 2

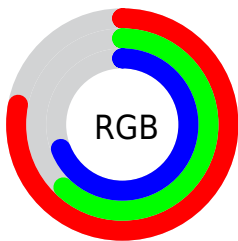
Format	Color
R _{YB}	198, 157, 176
Decimal	13016496
CIE Lab	68.93, 18.30, -4.05
CIE LCh	69, 18.743, 347.529
Yxy	39.2529, 0.3353, 0.3047
Android (android.graphics.Color)	4291206576 (0xFFC69DB0)
YUV	171.4250, 2.2555, 23.3063
Hunter-Lab	62.6521, 13.4045, -0.0368

Details

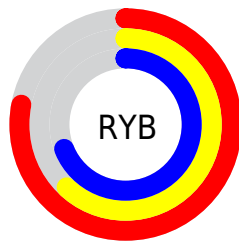
The YIQ color **171.4250, 18.3370, 14.6010** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **183.5750, -18.3370, -14.6010**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.1370, 19.2080, 15.3360**, and **118.8270, 17.1450, 14.1770** is the 20% darker color. If you saturate the color by 10%, you get **158.4310, 27.3680, 21.6400**, and if you desaturate by 10%, it is **184.4190, 9.3060, 7.5620**.

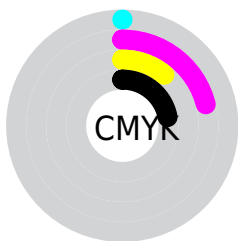
Distribution



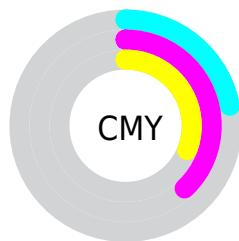
- Red (78%)
- Green (62%)
- Blue (69%)



- Red (78%)
- Yellow (62%)
- Blue (69%)



- Cyan (0%)
- Magenta (21%)
- Yellow (11%)
- Black (22%)



- Cyan (22%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.4250, 18.3370, 14.6010 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 171.4250, 18.3370, 14.6010 by changing the saturation by 10% instead.

■ 171.4250, 18.3370,
14.6010

■ 171.4250, 18.3370,
14.6010

255.0000, -0.0000,
-0.0000

■ 145.0120, 18.0620,
14.0780

■ 227.1370, 19.2080,
15.3360

■ 118.8270, 17.1450,
14.1770

■ 246.1950, 4.1250,
7.8450

■ 94.1150, 16.2740,
13.4420

■ 70.4030, 15.4030,
12.7070

■ 47.6910, 14.5320,
11.9720

■ 25.2070, 13.0190,
11.8590

■ 8.4580, 13.5700,

7.3780

■ 0.0000, 0.0000,
0.0000

■ 171.4250, 18.3370,
14.6010

■ 171.4250, 18.3370,
14.6010

■ 158.4310, 27.3680,
21.6400

■ 184.4190, 9.3060,
7.5620

■ 145.5510, 36.0780,
28.9900

■ 197.2990, 0.5960,
0.2120

■ 133.1440, 44.8340,
35.5060

■ 209.7060, -8.1600,
-6.3040

■ 120.2640, 53.5440,
42.8560

■ 222.7000,
-17.1910, -13.3430

■ 107.2700, 62.5750,
49.8950

■ 234.9930,
-25.6260, -20.1700

■ 94.2760, 71.6060,
56.9340

■ 236.2470,
-29.1570, -16.7490

■ 81.3960, 80.3160,
64.2840

■ 237.3870,
-32.3670, -13.6390

■ 69.6900, 88.4760,
70.5880

■ 237.9570,
-33.9720, -12.0840

Harmonies

Analogous

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



170.9980, 3.4820, 13.9940



171.4250, 18.3370, 14.6010



171.2810, 27.3700, 10.5860

Triad

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



171.4250, 18.3370, 14.6010



166.4230, 11.5100, -10.3620



162.6890, -35.8530, -5.5250

Complementary

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



171.4250, 18.3370, 14.6010



183.5750, -18.3370, -14.6010

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.



161.5550, -32.7800, -11.6600



171.4250, 18.3370, 14.6010



164.4040, -4.6740, -14.4180

Square

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



171.4250, 18.3370, 14.6010



168.4570, 23.3380, -4.4540



162.7920, -20.4460, -14.9260



165.7380, -28.3810, 2.2350

Rectangle

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



171.4250, 18.3370, 14.6010



170.0160, 29.4340, 6.2180



162.7920, -20.4460, -14.9260



162.1080, -35.7150, -8.0270

Sweetspot

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



171.4250, 18.3370, 14.6010



245.2830, 6.6930, 5.3570



168.2520, -0.0490, 17.4150



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.



171.4250, 18.3370, 14.6010



213.5560, 28.5140, 22.8980



169.8460, 24.1610, 8.1690



93.1470, 4.0800, 3.1520



57.4010, 72.7520, 58.1920



12.7020, 15.9990, 12.9190

Inverse Universe

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



171.4250, 18.3370, 14.6010



213.5560, 28.5140, 22.8980



185.1540, -24.1610, -8.1690



93.1470, 4.0800, 3.1520



57.4010, 72.7520, 58.1920



12.7020, 15.9990, 12.9190

Previews

White Background



This preview shows how the YIQ color 171.4250, 18.3370, 14.6010 looks on a white background.

Color Contrast Check

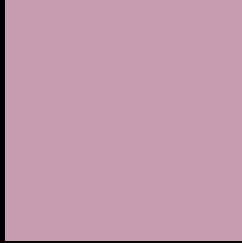
Large Text (above 18pt) WCAG AA × Fail

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 171.4250, 18.3370, 14.6010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

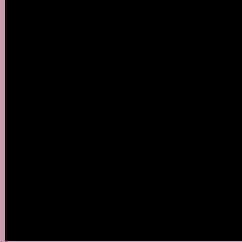
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.4250, 18.3370, 14.6010

Background



This preview shows how black text looks on a background with the YIQ color 171.4250, 18.3370, 14.6010.



This preview shows how white text looks on a background with the YIQ color 171.4250, 18.3370,

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

171.4250, 18.3370, 14.6010

Protanopia

168.7100, -4.8150, 4.6650

Deuteranopia

170.0490, 7.4720, 7.7600



Tritanopia

171.0290, 19.3920, 12.0000

Trichromacy



Original Color

171.4250, 18.3370, 14.6010

Protanomaly

169.4230, 3.4830, 8.4670

Deuteranomaly

170.6690, 11.5980, 10.0780

Tritanomaly

171.2570, 18.7500, 12.6220

Monochromacy



Original Color

171.4250, 18.3370, 14.6010

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.2830, 6.6930, 5.3570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.4250, 18.3370, 14.6010 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(198, 157, 176)` looks like.

```
.text, #text, p{  
    color:rgb(198, 157, 176)  
}
```

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(198, 157, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 157, 176) }
```

Border

The CSS property to change the border of an element to YIQ 171.4250, 18.3370, 14.6010 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(198, 157, 176) }
```


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

```
.border{ border-color:rgb(198, 157, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 157, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 157, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 157, 176);  
box-shadow:4px 4px 4px 4px rgb(198, 157,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 171.4250, 18.3370, 14.6010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 157, 176) }
```

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

```
.background{ background-color: rgb(198,  
157, 176) }
```

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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