

Converting Colors

YIQ(186.8880, 24.3430, 15.8870)

Have a look what the booklet for
YIQ(186.8880, 24.3430, 15.8870)
contains.

YIQ(186.8880, 24.3430, 15.8870)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(186.8880, 24.3430,
15.8870)**

Conversions

Conversions Part 1

Format	Color
Hex	DCAABB
RGB	220, 170, 187
RGB Percent	86%, 67%, 73%
CMY	0.1371, 0.3334, 0.2666
CMYK	0.00, 0.23, 0.15, 0.14
HSL	340°, 42%, 76%
HSV	340°, 23%, 86%
XYZ	52.8679, 47.5512, 53.4175
YIQ	186.8880, 24.3430, 15.8870

Conversions

Conversions Part 2

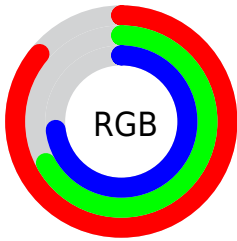
Format	Color
R_{YB}	220, 170, 187
Decimal	14461627
CIE _{Lab}	74.54, 20.94, -1.63
CIE _{LCh}	75, 21.002, 355.539
Yxy	47.5512, 0.3437, 0.3091
Android (android.graphics.Color)	4292651707 (0xFFDCAABB)
YUV	186.8880, 0.0552, 29.0392
Hunter-Lab	68.9573, 16.1762, 2.3414

Details

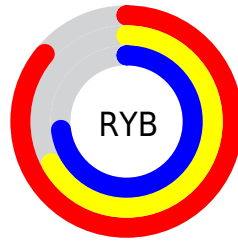
The YIQ color **186.8880, 24.3430, 15.8870** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **203.1120, -24.3430, -15.8870**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.6090, 11.8270, 11.4350**, and **133.5780, 22.2800, 14.7280** is the 20% darker color. If you saturate the color by 10%, you get **172.3780, 34.8870, 23.0390**, and if you desaturate by 10%, it is **201.5120, 13.4780, 9.0460**.

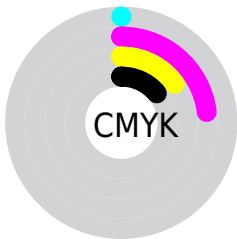
Distribution



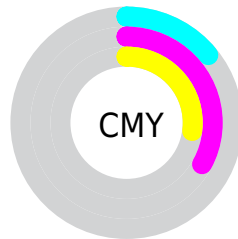
- Red (86%)
- Green (67%)
- Blue (73%)



- Red (86%)
- Yellow (67%)
- Blue (73%)



- Cyan (0%)
- Magenta (23%)
- Yellow (15%)
- Black (14%)





- Cyan (14%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 186.8880, 24.3430, 15.8870 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 186.8880, 24.3430, 15.8870 by changing the saturation by 10% instead.


 186.8880, 24.3430,
15.8870

 186.8880, 24.3430,
15.8870


255.0000, -0.0000,
-0.0000


 159.5890, 23.7470,
15.6750


 236.0220, 12.1020,
11.9580


 132.9910, 22.5550,
15.2510

254.4130, 0.2750,
0.5230

 108.2790, 21.6840,
14.5160

 83.5670, 20.8130,
13.7810

 59.9690, 19.6210,
13.3570

 37.1860, 17.5120,
13.0320

 14.1260, 17.7410,

14.3890

■ 0.0000, 0.0000,
0.0000

■ 186.8880, 24.3430,
15.8870

■ 186.8880, 24.3430,
15.8870

■ 172.3780, 34.8870,
23.0390

■ 201.5120, 13.4780,
9.0460

■ 157.7540, 45.7520,
29.8800

■ 216.0220, 2.9340,
1.8940

■ 143.1300, 56.6170,
36.7210

■ 230.6460, -7.9310,
-4.9470

■ 128.6200, 67.1610,
43.8730

■ 243.3950,
-17.6500, -10.5300

■ 113.9960, 78.0260,
50.7140

■ 244.5350,
-20.8600, -7.4200

■ 99.4860, 88.5700,
57.8660

■ 84.8620, 99.4350,
64.7070

■ 74.3300, 107.0450,
69.9650

Harmonies

Analogous

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



186.5150, 9.3960, 16.9480



186.8880, 24.3430, 15.8870



186.5050, 32.5510, 10.3030

Triad

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



186.8880, 24.3430, 15.8870



180.4610, 8.3470, -13.6130



177.5900, -39.8880, -3.9840

Complementary

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



186.8880, 24.3430, 15.8870



203.1120, -24.3430, -15.8870

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.



175.4340, -39.7490, -12.0130



186.8880, 24.3430, 15.8870



178.3000, -10.3130, -16.8490

Square

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



186.8880, 24.3430, 15.8870



182.8760, 23.4760, -6.9560



175.9590, -28.2860, -16.0140



181.3190, -28.5190, 4.7370

Rectangle

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



186.8880, 24.3430, 15.8870



185.2290, 33.1480, 4.9880



175.9590, -28.2860, -16.0140



176.4110, -40.9420, -6.9100

Sweetspot

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



186.8880, 24.3430, 15.8870



243.0660, 8.8020, 5.6820



185.5670, 3.6180, 22.5460



120.7450, 5.2720, 3.5760



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.



186.8880, 24.3430, 15.8870



209.3670, 33.4200, 22.0920



189.0590, 27.8750, 6.9390



102.6310, 5.5930, 3.2650



58.4530, 84.1690, 55.0250



15.5780, 22.2800, 14.7280

Inverse Universe

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



186.8880, 24.3430, 15.8870



209.3670, 33.4200, 22.0920



200.9410, -27.8750, -6.9390



102.6310, 5.5930, 3.2650



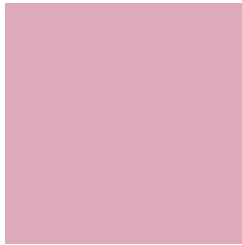
58.4530, 84.1690, 55.0250



15.5780, 22.2800, 14.7280

Previews

White Background



This preview shows how the YIQ color 186.8880, 24.3430, 15.8870 looks on a white background.

Color Contrast Check

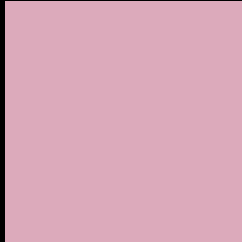
Large Text (above 18pt) WCAG AA × Fail

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 186.8880, 24.3430, 15.8870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

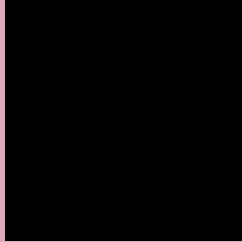
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.8880, 24.3430, 15.8870

Background



This preview shows how black text looks on a background with the YIQ color 186.8880, 24.3430, 15.8870.



This preview shows how white text looks on a background with the YIQ color 186.8880, 24.3430,

15.8870.

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

186.8880, 24.3430, 15.8870

Protanopia

184.5530, -2.9350, 3.6330

Deuteranopia

185.4900, 10.5440, 7.1520



Tritanopia

187.1330, 25.0310, 14.4310

Trichromacy



Original Color

186.8880, 24.3430, 15.8870

Protanomaly

185.1630, 7.1510, 8.0710

Deuteranomaly

185.8220, 15.5410, 10.2050

Tritanomaly

187.2470, 24.7100, 14.7420

Monochromacy



Original Color

186.8880, 24.3430, 15.8870

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.0660, 8.8020, 5.6820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.8880, 24.3430, 15.8870 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(220, 170, 187)` looks like.

```
.text, #text, p{  
    color:rgb(220, 170, 187)  
}
```

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(220, 170, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 170, 187) }
```

Border

The CSS property to change the border of an element to YIQ 186.8880, 24.3430, 15.8870 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(220, 170, 187) }
```


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

```
.border{ border-color:rgb(220, 170, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 170, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 170, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 170, 187);  
box-shadow:4px 4px 4px 4px rgb(220, 170,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 186.8880, 24.3430, 15.8870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 170, 187) }
```

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

```
.background{ background-color: rgb(220,  
170, 187) }
```

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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