

Converting Colors

YIQ(184.7480, 27.5530, 12.7770)

Have a look what the booklet for
YIQ(184.7480, 27.5530, 12.7770)
contains.

YIQ(184.7480, 27.5530, 12.7770)	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(184.7480, 27.5530,
12.7770)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA9B0
RGB	219, 169, 176
RGB Percent	86%, 66%, 69%
CMY	0.1411, 0.3373, 0.3097
CMYK	0.00, 0.23, 0.20, 0.14
HSL	352°, 41%, 76%
HSV	352°, 23%, 86%
XYZ	51.2460, 46.5687, 47.3757
YIQ	184.7480, 27.5530, 12.7770

Conversions

Conversions Part 2

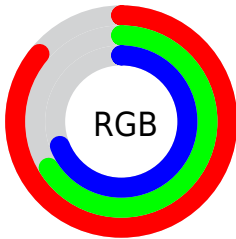
Format	Color
R _Y B	219, 169, 176
Decimal	14395824
CIE Lab	73.91, 19.40, 3.47
CIE LCh	74, 19.705, 10.144
Yxy	46.5687, 0.3530, 0.3207
Android (android.graphics.Color)	4292585904 (0xFFDBA9B0)
YUV	184.7480, -4.3128, 30.0390
Hunter-Lab	68.2413, 14.6230, 6.6075

Details

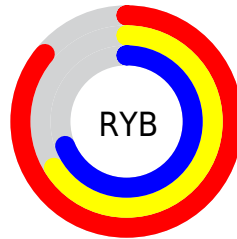
The YIQ color **184.7480, 27.5530, 12.7770** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **203.2520, -27.5530, -12.7770**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.1810, 15.9080, 9.0600**, and **131.5520, 25.1690, 11.9290** is the 20% darker color. If you saturate the color by 10%, you get **169.6680, 39.7020, 18.3740**, and if you desaturate by 10%, it is **199.8280, 15.4040, 7.1800**.

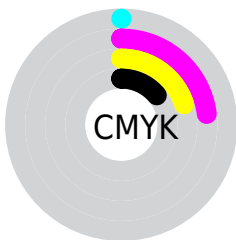
Distribution



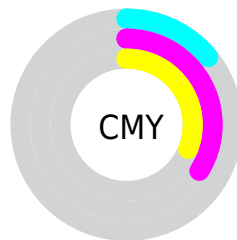
- Red (86%)
- Green (66%)
- Blue (69%)



- Red (86%)
- Yellow (66%)
- Blue (69%)



- Cyan (0%)
- Magenta (23%)
- Yellow (20%)
- Black (14%)



- Cyan (14%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.7480, 27.5530, 12.7770 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 184.7480, 27.5530, 12.7770 by changing the saturation by 10% instead.

184.7480, 27.5530,
12.7770

184.7480, 27.5530,
12.7770

255.0000, -0.0000,
-0.0000

157.4490, 26.9570,
12.5650

234.1810, 15.9080,
9.0600

131.5520, 25.1690,
11.9290

253.8260, 0.5500,
1.0460

105.9540, 23.9770,
11.5050

81.3560, 22.7850,
11.0810

57.7580, 21.5930,
10.6570

35.2740, 20.0800,
10.5440

12.7580, 21.5930,

10.6570

■ 0.0000, 0.0000,
0.0000

■ 184.7480, 27.5530,
12.7770

■ 184.7480, 27.5530,
12.7770

■ 169.6680, 39.7020,
18.3740

■ 199.8280, 15.4040,
7.1800

■ 154.5880, 51.8510,
23.9710

■ 214.9080, 3.2550,
1.5830

■ 139.6220, 63.6790,
29.8790

■ 229.8740, -8.5730,
-4.3250

■ 124.5420, 75.8280,
35.4760

■ 243.7800,
-20.1720, -8.8760

■ 109.4620, 87.9770,
41.0730

■ 244.2360,
-21.4560, -7.6320

■ 94.9690, 99.8510,
46.1470

■ 79.8890, 112.0000,
51.7440

■ 69.0150, 120.5730,
56.0690

Harmonies

Analogous

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



184.6960, 16.1360, 15.9440



184.7480, 27.5530, 12.7770



183.3860, 31.2680, 6.0200

Triad

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



184.7480, 27.5530, 12.7770



178.4430, -0.4100, -14.6020



178.2320, -32.8280, 0.2280

Complementary

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



184.7480, 27.5530, 12.7770



203.2520, -27.5530, -12.7770

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.



175.4390, -38.1450, -8.0410



184.7480, 27.5530, 12.7770



175.9340, -17.9700, -15.7460

Square

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



184.7480, 27.5530, 12.7770



179.9890, 15.7280, -9.7120



174.3870, -32.3670, -13.6390



181.5160, -18.7080, 8.6520

Rectangle

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



184.7480, 27.5530, 12.7770



183.0280, 29.1600, 0.1680



174.3870, -32.3670, -13.6390



176.6830, -35.7160, -2.5000

Sweetspot

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



184.7480, 27.5530, 12.7770



242.7240, 9.7650, 4.7490



187.5570, 9.5780, 24.6660



120.5170, 5.9140, 2.9540



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.



184.7480, 27.5530, 12.7770



207.7710, 37.9140, 17.7380



194.5160, 24.8500, 1.1860



102.4030, 6.2350, 2.6430



54.4630, 95.4040, 44.1400



14.4380, 25.4900, 11.6180

Inverse Universe

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



184.7480, 27.5530, 12.7770



207.7710, 37.9140, 17.7380



194.0710, -25.1250, -1.7090



102.4030, 6.2350, 2.6430



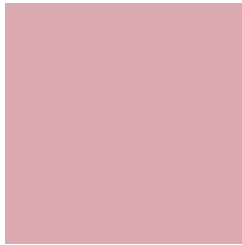
54.4630, 95.4040, 44.1400



14.4380, 25.4900, 11.6180

Previews

White Background



This preview shows how the YIQ color 184.7480, 27.5530, 12.7770 looks on a white background.

Color Contrast Check

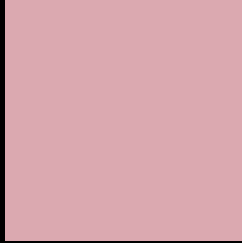
Large Text (above 18pt) WCAG AA × Fail

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 184.7480, 27.5530, 12.7770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

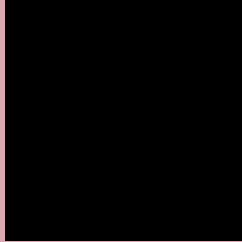
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 184.7480, 27.5530, 12.7770

Background



This preview shows how black text looks on a background with the YIQ color 184.7480, 27.5530, 12.7770.



This preview shows how white text looks on a background with the YIQ color 184.7480, 27.5530,

12.7770.

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

184.7480, 27.5530, 12.7770

Protanopia

182.4240, 1.7420, 1.4700

Deuteranopia

183.6600, 15.8170, 5.2010



Tritanopia

185.0300, 26.8190, 15.0670

Trichromacy



Original Color

184.7480, 27.5530, 12.7770

Protanomaly

183.3220, 10.9570, 5.1730

Deuteranomaly

183.6930, 20.2180, 8.0420

Tritanomaly

184.8020, 27.4610, 14.4450

Monochromacy



Original Color

184.7480, 27.5530, 12.7770

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

184.7240, 9.7650, 4.7490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.7480, 27.5530, 12.7770 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(219, 169, 176)` looks like.

```
.text, #text, p{  
    color:rgb(219, 169, 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(219, 169, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 169, 176) }
```

Border

The CSS property to change the border of an element to YIQ 184.7480, 27.5530, 12.7770 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(219, 169, 176) }
```


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

```
.border{ border-color:rgb(219, 169, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 169, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 169, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 169, 176); box-shadow:4px 4px 4px 4px rgb(219, 169, 176) }
```

Background

The CSS property to change the background color of an element to YIQ 184.7480, 27.5530, 12.7770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 169, 176) }
```

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

```
.background{ background-color: rgb(219,  
169, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor