

# Converting Colors

YIQ(184.1000, 29.7980, 21.6540)

Have a look what the booklet for  
YIQ(184.1000, 29.7980, 21.6540)  
contains.

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# Color

**YIQ(184.1000, 29.7980,  
21.6540)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2A2BC
RGB	226, 162, 188
RGB Percent	89%, 64%, 74%
CMY	0.1136, 0.3648, 0.2626
CMYK	0.00, 0.28, 0.17, 0.11
HSL	336°, 53%, 76%
HSV	336°, 28%, 89%
XYZ	53.3729, 45.6388, 53.5872
YIQ	184.1000, 29.7980, 21.6540

# Conversions

## Conversions Part 2

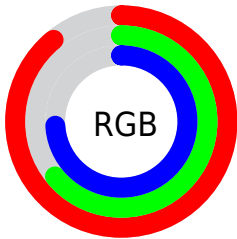
Format	Color
R <sub>Y</sub> B	226, 162, 188
Decimal	14852796
CIE Lab	73.31, 27.55, -3.92
CIE LCh	73, 27.825, 351.898
Yxy	45.6388, 0.3498, 0.2991
Android (android.graphics.Color)	4293042876 (0xFFE2A2BC)
YUV	184.1000, 1.9227, 36.7463
Hunter-Lab	67.5565, 22.7997, 0.2595

# Details

The YIQ color **184.1000, 29.7980, 21.6540** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **203.9000, -29.7980, -21.6540**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **231.4400, 13.9810, 16.4530**, and **130.7900, 27.7350, 20.4950** is the 20% darker color. If you saturate the color by 10%, you get **169.1170, 40.2960, 29.6400**, and if you desaturate by 10%, it is **199.0830, 19.3000, 13.6680**.

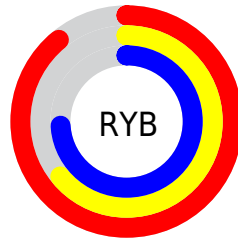
# Distribution



Red (89%)

Green (64%)

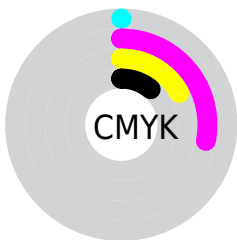
Blue (74%)



Red (89%)

Yellow (64%)

Blue (74%)

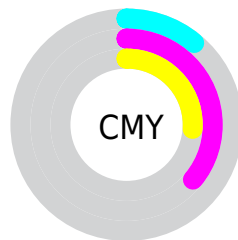


Cyan (0%)

Magenta (28%)

Yellow (17%)

Black (11%)



Cyan (11%)

Magenta (36%)


Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 184.1000, 29.7980, 21.6540 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 184.1000, 29.7980, 21.6540 by changing the saturation by 10% instead.




 184.1000, 29.7980,  
21.6540


 184.1000, 29.7980,  
21.6540


255.0000, -0.0000,  
-0.0000


 156.8010, 29.2020,  
21.4420


 231.4400, 13.9810,  
16.4530


 130.7900, 27.7350,  
20.4950

 249.7170, 2.4750,  
4.7070

 105.1920, 26.5430,  
20.0710

 80.1810, 25.0760,  
19.1240

 55.9960, 24.1590,  
19.2230

 32.5120, 22.6460,  
19.1100

 15.1370, 19.2080,

15.3360

■ 0.0000, 0.0000,  
0.0000

■ 184.1000, 29.7980,  
21.6540

■ 184.1000, 29.7980,  
21.6540

■ 169.1170, 40.2960,  
29.6400

■ 199.0830, 19.3000,  
13.6680

■ 154.6070, 50.8400,  
36.7920

■ 213.5930, 8.7560,  
6.5160

■ 139.6240, 61.3380,  
44.7780

■ 228.5760, -1.7420,  
-1.4700

■ 125.1140, 71.8820,  
51.9300

■ 243.0860,  
-12.2860, -8.6220

■ 110.1310, 82.3800,  
59.9160

■ 246.3290,  
-17.2840, -6.1480

■ 95.1480, 92.8780,  
67.9020

■ 80.6380, 103.4220,  
75.0540

■ 78.0620, 105.1640,  
76.5240

# Harmonies

## Analogous

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



183.7910, 8.7990, 22.2630



184.1000, 29.7980, 21.6540



182.9300, 41.7200, 14.8400

# Triad

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



184.1000, 29.7980, 21.6540



176.5770, 13.7120, -17.2320



169.9730, -57.2640, -8.4640

# Complementary

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



184.1000, 29.7980, 21.6540



203.9000, -29.7980, -21.6540

# 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.



167.5460, -54.9240, -17.8360



184.1000, 29.7980, 21.6540



173.8390, -10.6330, -22.0650

# Square

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



184.1000, 29.7980, 21.6540



179.4270, 32.0500, -8.1580



169.9640, -35.8500, -22.1060



176.0770, -42.4570, 4.0310



# Rectangle

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



184.1000, 29.7980, 21.6540



181.7850, 43.3260, 7.7580



169.9640, -35.8500, -22.1060



168.3810, -58.5930, -11.9130

# Sweetspot

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



184.1000, 29.7980, 21.6540



239.9030, 10.8190, 7.6750



180.3590, 1.5080, 27.7480



118.1690, 7.0140, 5.0460



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.



184.1000, 29.7980, 21.6540



198.1170, 40.2960, 29.6400



184.0710, 36.7690, 10.9530



104.8590, 4.9510, 3.8870



60.8320, 81.7840, 59.7040



16.6320, 22.1880, 16.3960



# Inverse Universe

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



184.1000, 29.7980, 21.6540



198.1170, 40.2960, 29.6400



203.9290, -36.7690, -10.9530



104.8590, 4.9510, 3.8870



60.8320, 81.7840, 59.7040



16.6320, 22.1880, 16.3960



# Previews

## White Background



This preview shows how the YIQ color 184.1000, 29.7980, 21.6540 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

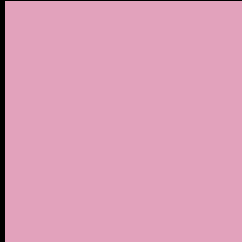
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 184.1000, 29.7980, 21.6540 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

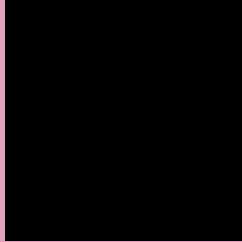
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 184.1000, 29.7980, 21.6540

## Background



This preview shows how black text looks on a background with the YIQ color 184.1000, 29.7980, 21.6540.



This preview shows how white text looks on a background with the YIQ color 184.1000, 29.7980,

21.6540.

# 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

184.1000, 29.7980, 21.6540

### Protanopia

180.9810, -7.0160, 6.0080

### Deuteranopia

182.2340, 8.3890, 7.6610



## Tritanopia

183.7210, 32.1830, 16.9750

# Trichromacy



## Original Color

184.1000, 29.7980, 21.6540

## Protanomaly

182.0860, 6.0500, 11.5060

## Deuteranomaly

182.7020, 15.9990, 12.9190

## Tritanomaly

183.5900, 31.1740, 18.7420

# Monochromacy



## Original Color

184.1000, 29.7980, 21.6540

## Achromatopsia

184.0000, 0.0000, -0.0000

## Achromatomaly

183.9030, 10.8190, 7.6750

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 184.1000, 29.7980, 21.6540 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(226, 162, 188)` looks like.

```
.text, #text, p{  
    color:rgb(226, 162, 188)  
}
```

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(226, 162, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 162, 188) }
```

## Border

The CSS property to change the border of an element to YIQ 184.1000, 29.7980, 21.6540 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(226, 162, 188) }
```



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

```
.border{ border-color:rgb(226, 162, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 162, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 162, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 162, 188); box-shadow:4px 4px 4px 4px rgb(226, 162, 188) }
```

# Background

The CSS property to change the background color of an element to YIQ 184.1000, 29.7980, 21.6540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 162, 188) }
```

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

```
.background{ background-color: rgb(226,  
162, 188) }
```

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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