

# Converting Colors

YIQ(173.9690, 28.7890, 23.4210)

Have a look what the booklet for  
YIQ(173.9690, 28.7890, 23.4210)  
contains.

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# Color

**YIQ(173.9690, 28.7890,  
23.4210)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D897B6
RGB	216, 151, 182
RGB Percent	85%, 59%, 71%
CMY	0.1528, 0.4079, 0.2862
CMYK	0.00, 0.30, 0.16, 0.15
HSL	331°, 46%, 72%
HSV	331°, 30%, 85%
XYZ	47.8401, 40.1085, 49.4887
YIQ	173.9690, 28.7890, 23.4210

# Conversions

## Conversions Part 2

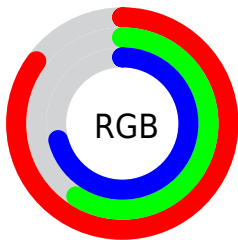
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	216, 151, 182
Decimal	14194614
CIE Lab	69.55, 28.99, -6.28
CIE LCh	70, 29.666, 347.782
Yxy	40.1085, 0.3481, 0.2918
Android (android.graphics.Color)	4292384694 (0xFFD897B6)
YUV	173.9690, 3.9593, 36.8612
Hunter-Lab	63.3313, 24.0083, -1.9989

# Details

The YIQ color **173.9690, 28.7890, 23.4210** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **193.0310, -28.7890, -23.4210**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.2990, 18.9320, 20.3400**, and **120.6590, 26.7260, 22.2620** is the 20% darker color. If you saturate the color by 10%, you get **159.8010, 38.3700, 31.5060**, and if you desaturate by 10%, it is **188.1370, 19.2080, 15.3360**.

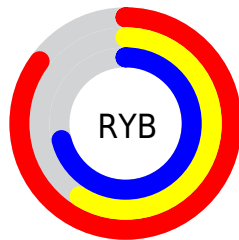
# Distribution



Red (85%)

Green (59%)

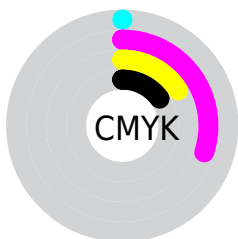
Blue (71%)



Red (85%)

Yellow (59%)

Blue (71%)

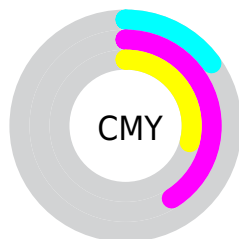


Cyan (0%)

Magenta (30%)

Yellow (16%)

Black (15%)



Cyan (15%)

Magenta (41%)


Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 173.9690, 28.7890, 23.4210 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 173.9690, 28.7890, 23.4210 by changing the saturation by 10% instead.




 173.9690, 28.7890,  
23.4210

 173.9690, 28.7890,  
23.4210


255.0000, -0.0000,  
-0.0000


 147.2570, 27.9180,  
22.6860


 224.2990, 18.9320,  
20.3400


 120.6590, 26.7260,  
22.2620

 242.6730, 5.7750,  
10.9830

 95.6480, 25.2590,  
21.3150

 71.0500, 24.0670,  
20.8910

 46.8650, 23.1500,  
20.9900

 22.9080, 21.5910,  
21.7110

 12.9580, 18.1540,

12.4100

■ 0.0000, 0.0000,  
0.0000

■ 173.9690, 28.7890,  
23.4210

■ 173.9690, 28.7890,  
23.4210

■ 159.8010, 38.3700,  
31.5060

■ 188.1370, 19.2080,  
15.3360

■ 146.1060, 47.9970,  
38.7570

■ 201.8320, 9.5810,  
8.0850

■ 131.9380, 57.5780,  
46.8420

■ 216.0000, -0.0000,  
0.0000

■ 118.3570, 66.8840,  
54.4040

■ 229.5810, -9.3060,  
-7.5620

■ 104.1890, 76.4650,  
62.4890

■ 241.5150,  
-18.1080, -13.2440

■ 89.9070, 86.3670,  
70.2630

■ 242.7690,  
-21.6390, -9.8230

■ 76.3260, 95.6730,  
77.8250

■ 243.3390,  
-23.2440, -8.2680

# Harmonies

## Analogous

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



173.3500, 5.7270, 22.8710



173.9690, 28.7890, 23.4210



172.6960, 42.4990, 17.2430

# Triad

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



173.9690, 28.7890, 23.4210



166.4310, 17.0590, -17.3170



157.2710, -64.0950, -11.3190

# Complementary

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



173.9690, 28.7890, 23.4210



193.0310, -28.7890, -23.4210

# 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.



155.6980, -58.4080, -20.7760



173.9690, 28.7890, 23.4210



163.2800, -7.5610, -22.6730

# Square

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



173.9690, 28.7890, 23.4210



169.2210, 35.6260, -6.8860



159.2090, -35.1620, -23.5620



164.2010, -48.7380, 2.2220



# Rectangle

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



173.9690, 28.7890, 23.4210



171.6220, 45.3430, 9.7510



159.2090, -35.1620, -23.5620



155.5650, -65.1030, -15.0790

# Sweetspot

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



173.9690, 28.7890, 23.4210



240.1310, 10.1770, 8.2970



168.5760, -0.6010, 27.4230



118.2830, 6.6930, 5.3570



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.



173.9690, 28.7890, 23.4210



195.5240, 40.7080, 33.1880



171.0220, 38.4650, 13.2570



99.9730, 4.6300, 4.1980



60.4770, 75.5940, 61.7540



15.2510, 18.8870, 15.6470



# Inverse Universe

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



173.9690, 28.7890, 23.4210



195.5240, 40.7080, 33.1880



195.9780, -38.4650, -13.2570



99.9730, 4.6300, 4.1980



60.4770, 75.5940, 61.7540

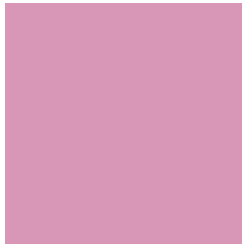


15.2510, 18.8870, 15.6470



# Previews

## White Background



This preview shows how the YIQ color 173.9690, 28.7890, 23.4210 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

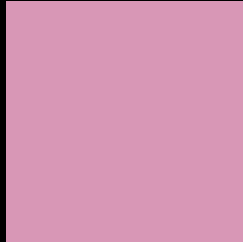
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 173.9690, 28.7890, 23.4210 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

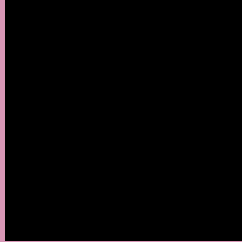
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 173.9690, 28.7890, 23.4210

## Background



This preview shows how black text looks on a background with the YIQ color 173.9690, 28.7890, 23.4210.



This preview shows how white text looks on a background with the YIQ color 173.9690, 28.7890,

23.4210.

# 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

173.9690, 28.7890, 23.4210

### Protanopia

170.8390, -9.4920, 6.8280

### Deuteranopia

171.9780, 6.2340, 8.1700



## Tritanopia

173.3080, 31.9080, 16.4520

# Trichromacy



## Original Color

173.9690, 28.7890, 23.4210

## Protanomaly

171.6560, 4.4450, 13.0610

## Deuteranomaly

172.7450, 14.4400, 13.6400

## Tritanomaly

173.7040, 30.8530, 19.0530

# Monochromacy



## Original Color

173.9690, 28.7890, 23.4210

## Achromatopsia

174.0000, -0.0000, -0.0000

## Achromatomaly

174.1310, 10.1770, 8.2970

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 173.9690, 28.7890, 23.4210 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(216, 151, 182)` looks like.

```
.text, #text, p{  
    color:rgb(216, 151, 182)  
}
```

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(216, 151, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 151, 182) }
```

## Border

The CSS property to change the border of an element to YIQ 173.9690, 28.7890, 23.4210 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(216, 151, 182) }
```



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

```
.border{ border-color:rgb(216, 151, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 151, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 151, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 151, 182);  
box-shadow:4px 4px 4px 4px rgb(216, 151,  
182) }
```

# Background

The CSS property to change the background color of an element to YIQ 173.9690, 28.7890, 23.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 151, 182) }
```

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

```
.background{ background-color: rgb(216,  
151, 182) }
```

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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