

# Converting Colors

YIQ(170.2850, 30.7150, 21.5550)

Have a look what the booklet for  
YIQ(170.2850, 30.7150, 21.5550)  
contains.

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# Color

**YIQ(170.2850, 30.7150,  
21.5550)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D594AD
RGB	213, 148, 173
RGB Percent	84%, 58%, 68%
CMY	0.1645, 0.4197, 0.3215
CMYK	0.00, 0.31, 0.19, 0.16
HSL	337°, 44%, 71%
HSV	337°, 31%, 84%
XYZ	45.5842, 38.3420, 44.5466
YIQ	170.2850, 30.7150, 21.5550

# Conversions

## Conversions Part 2

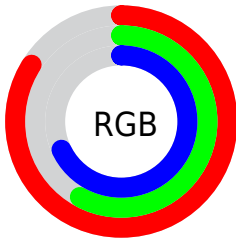
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 148, 173
Decimal	13997229
CIE Lab	68.27, 28.14, -3.18
CIE LCh	68, 28.315, 353.558
Yxy	38.3420, 0.3548, 0.2984
Android (android.graphics.Color)	4292187309 (0xFFD594AD)
YUV	170.2850, 1.3385, 37.4611
Hunter-Lab	61.9209, 23.0442, 0.6908

# Details

The YIQ color  $170.2850, 30.7150, 21.5550$  is a light color, and the websafe version is hex  $CC9999$ . A complement of this color would be  $190.7150, -30.7150, -21.5550$ , and the grayscale version is  $170.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $221.3980, 22.9670, 18.7990$ , and  $117.0890, 28.3310, 20.7070$  is the 20% darker color. If you saturate the color by 10%, you get  $156.4760, 40.6630, 28.4950$ , and if you desaturate by 10%, it is  $184.0940, 20.7670, 14.6150$ .

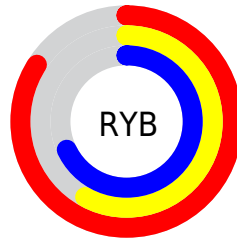
# Distribution



Red (84%)

Green (58%)

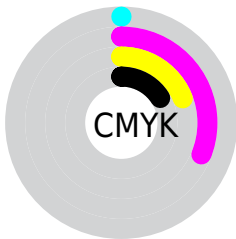
Blue (68%)



Red (84%)

Yellow (58%)

Blue (68%)

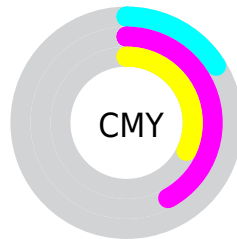


Cyan (0%)

Magenta (31%)

Yellow (19%)

Black (16%)



Cyan (16%)

Magenta (42%)


Yellow (32%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 170.2850, 30.7150, 21.5550 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 170.2850, 30.7150, 21.5550 by changing the saturation by 10% instead.




 170.2850, 30.7150,  
21.5550


 170.2850, 30.7150,  
21.5550


255.0000, -0.0000,  
-0.0000


 143.5730, 29.8440,  
20.8200


 221.3980, 22.9670,  
18.7990


 117.0890, 28.3310,  
20.7070

 240.9120, 6.6000,  
12.5520

 92.0780, 26.8640,  
19.7600

 67.4800, 25.6720,  
19.3360

 43.9960, 24.1590,  
19.2230

 20.6260, 22.3250,  
19.4210

 10.2800, 19.9430,

7.5190

■ 0.0000, 0.0000,  
0.0000

■ 170.2850, 30.7150,  
21.5550

■ 170.2850, 30.7150,  
21.5550

■ 156.4760, 40.6630,  
28.4950

■ 184.0940, 20.7670,  
14.6150

■ 142.0800, 50.8860,  
35.9580

■ 198.4900, 10.5440,  
7.1520

■ 128.2710, 60.8340,  
42.8980

■ 212.2990, 0.5960,  
0.2120

■ 114.4620, 70.7820,  
49.8380

■ 226.1080, -9.3520,  
-6.7280

■ 100.0660, 81.0050,  
57.3010

■ 240.0310,  
-19.6210, -13.3570

■ 86.1430, 91.2740,  
63.9300

■ 242.1000,  
-24.0690, -9.8370

■ 73.0350, 100.6260,  
70.6580

■ 242.4420,  
-25.0320, -8.9040

# Harmonies

## Analogous

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



170.2750, 10.3120, 22.3760



170.2850, 30.7150, 21.5550



169.4030, 41.7660, 14.0060

# Triad

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



170.2850, 30.7150, 21.5550



162.9790, 12.5200, -17.6560



155.6030, -59.0980, -8.2660

# Complementary

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



170.2850, 30.7150, 21.5550



190.7150, -30.7150, -21.5550

# 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.



152.8770, -57.3540, -17.8500



170.2850, 30.7150, 21.5550



159.3550, -12.1460, -22.1780

# Square

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



170.2850, 30.7150, 21.5550



165.7150, 31.1790, -8.8930



155.5940, -37.6840, -21.9080



162.7890, -41.5860, 4.7660



# Rectangle

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



170.2850, 30.7150, 21.5550



167.9590, 42.7760, 6.7120



155.5940, -37.6840, -21.9080



154.0110, -60.4270, -11.7150

# Sweetspot

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



170.2850, 30.7150, 21.5550



239.9030, 10.8190, 7.6750



167.0710, 2.3790, 28.4830



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.



170.2850, 30.7150, 21.5550



193.2100, 44.4680, 31.1240



170.9570, 37.0900, 10.6420



99.8590, 4.9510, 3.8870



58.6530, 80.7300, 56.7780



14.7950, 20.1710, 14.4030



# Inverse Universe

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



170.2850, 30.7150, 21.5550



193.2100, 44.4680, 31.1240



190.0430, -37.0900, -10.6420



99.8590, 4.9510, 3.8870



58.6530, 80.7300, 56.7780



14.7950, 20.1710, 14.4030



# Previews

## White Background



This preview shows how the YIQ color 170.2850, 30.7150, 21.5550 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

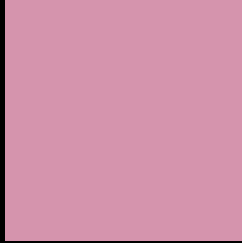
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 170.2850, 30.7150, 21.5550 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

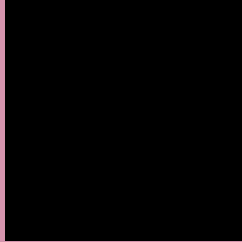
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 170.2850, 30.7150, 21.5550

## Background



This preview shows how black text looks on a background with the YIQ color 170.2850, 30.7150, 21.5550.



This preview shows how white text looks on a background with the YIQ color 170.2850, 30.7150,



# 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

170.2850, 30.7150, 21.5550

### Protanopia

167.7530, -6.3740, 5.3860

### Deuteranopia

168.7070, 8.4350, 6.8270



## Tritanopia

169.7920, 33.4210, 16.5650

# Trichromacy



## Original Color

170.2850, 30.7150, 21.5550

## Protanomaly

168.2710, 6.9670, 11.4070

## Deuteranomaly

169.4740, 16.6410, 12.2970

## Tritanomaly

169.6610, 32.4120, 18.3320

# Monochromacy



## Original Color

170.2850, 30.7150, 21.5550

## Achromatopsia

170.0000, -0.0000, 0.0000

## Achromatomaly

170.2020, 11.4150, 7.8870

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 170.2850, 30.7150, 21.5550 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(213, 148, 173)` looks like.

```
.text, #text, p{  
    color:rgb(213, 148, 173)  
}
```

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(213, 148, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 148, 173) }
```

## Border

The CSS property to change the border of an element to YIQ 170.2850, 30.7150, 21.5550 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(213, 148, 173) }
```



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

```
.border{ border-color:rgb(213, 148, 173) }
```

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

Here you see how a box with a 4 pixel rgb(213, 148, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 148, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 148, 173);  
box-shadow:4px 4px 4px 4px rgb(213, 148,  
173) }
```

# Background

The CSS property to change the background color of an element to YIQ 170.2850, 30.7150, 21.5550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 148, 173) }
```

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

```
.background{ background-color: rgb(213,  
148, 173) }
```

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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