

# Converting Colors

YIQ(188.1530, 22.2790, 20.2550)

Have a look what the booklet for  
YIQ(188.1530, 22.2790, 20.2550)  
contains.

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# Color

**YIQ(188.1530, 22.2790,  
20.2550)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DEA9C6
RGB	222, 169, 198
RGB Percent	87%, 66%, 78%
CMY	0.1293, 0.3373, 0.2235
CMYK	0.00, 0.24, 0.11, 0.13
HSL	327°, 45%, 77%
HSV	327°, 24%, 87%
XYZ	54.5143, 47.9811, 59.8243
YIQ	188.1530, 22.2790, 20.2550

# Conversions

## Conversions Part 2

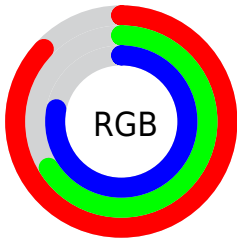
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 169, 198
Decimal	14592454
CIE <sub>Lab</sub>	74.81, 23.99, -7.23
CIE <sub>LCh</sub>	75, 25.058, 343.220
Yxy	47.9811, 0.3358, 0.2956
Android (android.graphics.Color)	4292782534 (0xFFDEA9C6)
YUV	188.1530, 4.8546, 29.6838
Hunter-Lab	69.2684, 19.2601, -2.7185

# Details

The YIQ color **188.1530, 22.2790, 20.2550** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **202.8470, -22.2790, -20.2550**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.3900, 8.2500, 15.6900**, and **134.1420, 20.8120, 19.3080** is the 20% darker color. If you saturate the color by 10%, you get **174.0990, 31.5390, 28.6510**, and if you desaturate by 10%, it is **202.2070, 13.0190, 11.8590**.

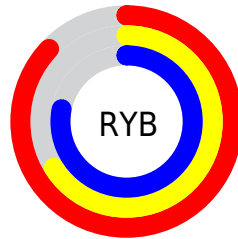
# Distribution



Red (87%)

Green (66%)

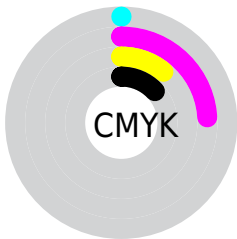
Blue (78%)



Red (87%)

Yellow (66%)

Blue (78%)

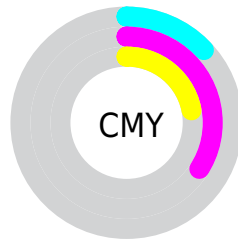


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (13%)



Cyan (13%)

Magenta (34%)


Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 188.1530, 22.2790, 20.2550 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 188.1530, 22.2790, 20.2550 by changing the saturation by 10% instead.




 188.1530, 22.2790,  
20.2550


 188.1530, 22.2790,  
20.2550


255.0000, -0.0000,  
-0.0000


 160.8540, 21.6830,  
20.0430


 237.3900, 8.2500,  
15.6900


 134.1420, 20.8120,  
19.3080

 253.8260, 0.5500,  
1.0460

 108.5440, 19.6200,  
18.8840

 83.8320, 18.7490,  
18.1490

 60.1200, 17.8780,  
17.4140

 37.5220, 16.6860,  
16.9900

 15.3370, 15.7690,

17.0890

■ 1.1960, 2.3840,  
0.8480

■ 0.0000, 0.0000,  
0.0000

■ 188.1530, 22.2790,  
20.2550

■ 188.1530, 22.2790,  
20.2550

■ 174.0990, 31.5390,  
28.6510

■ 202.2070, 13.0190,  
11.8590

■ 160.0450, 40.7990,  
37.0470

■ 216.2610, 3.7590,  
3.4630

■ 145.4040, 50.3340,  
45.9660

■ 230.9020, -5.7760,  
-5.4560

■ 131.3500, 59.5940,  
54.3620

■ 243.1950,  
-14.2110, -12.2830

■ 117.2960, 68.8540,  
62.7580

■ 244.3350,  
-17.4210, -9.1730

■ 103.2420, 78.1140,  
71.1540

■ 245.1330,  
-19.6680, -6.9960

■ 89.1880, 87.3740,  
79.5500

■ 80.2860, 93.1500,  
85.0060

# Harmonies

## Analogous

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



187.3770, 1.0970, 18.6730



188.1530, 22.2790, 20.2550



187.6350, 35.3010, 15.5330

# Triad

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



188.1530, 22.2790, 20.2550



182.1370, 18.0670, -13.5570



174.8550, -51.1200, -9.6800

# Complementary

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



188.1530, 22.2790, 20.2550



202.8470, -22.2790, -20.2550

# 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.



173.9340, -44.3330, -17.0450



188.1530, 22.2790, 20.2550



179.1390, -2.6100, -18.7860

# Square

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



188.1530, 22.2790, 20.2550



184.1330, 33.0580, -4.3980



175.9930, -25.6260, -20.1700



179.3820, -41.9980, 1.2180



# Rectangle

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



188.1530, 22.2790, 20.2550



186.8000, 38.9700, 9.6100



175.9930, -25.6260, -20.1700



174.1600, -50.6610, -12.4930

# Sweetspot

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



188.1530, 22.2790, 20.2550



243.5220, 7.5180, 6.9260



182.2180, -2.7090, 21.5710



120.9730, 4.6300, 4.1980



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.



188.1530, 22.2790, 20.2550



207.8000, 30.9430, 28.4390



185.1890, 30.6250, 12.1690



104.9730, 4.6300, 4.1980



63.5680, 74.0800, 67.1680



17.4300, 19.9410, 18.5730



# Inverse Universe

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



188.1530, 22.2790, 20.2550



207.8000, 30.9430, 28.4390



205.8110, -30.6250, -12.1690



104.9730, 4.6300, 4.1980



63.5680, 74.0800, 67.1680

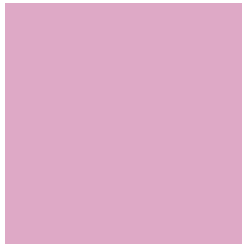


17.4300, 19.9410, 18.5730



# Previews

## White Background



This preview shows how the YIQ color 188.1530, 22.2790, 20.2550 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

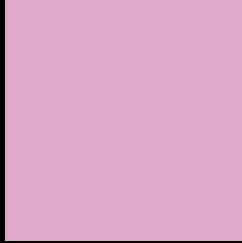
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 188.1530, 22.2790, 20.2550 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

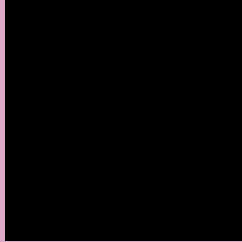
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 188.1530, 22.2790, 20.2550

## Background



This preview shows how black text looks on a background with the YIQ color 188.1530, 22.2790, 20.2550.



This preview shows how white text looks on a background with the YIQ color 188.1530, 22.2790,



# 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

188.1530, 22.2790, 20.2550

### Protanopia

185.1380, -8.8960, 7.0400

### Deuteranopia

186.3200, 5.2710, 9.1030



## Tritanopia

187.2470, 24.7100, 14.7420

# Trichromacy



## Original Color

188.1530, 22.2790, 20.2550

## Protanomaly

186.3460, 2.3820, 11.9020

## Deuteranomaly

186.7770, 11.4140, 13.4140

## Tritanomaly

187.5290, 23.9760, 17.0320

# Monochromacy



## Original Color

188.1530, 22.2790, 20.2550

## Achromatopsia

188.0000, 0.0000, 0.0000

## Achromatomaly

187.9350, 7.7930, 7.4490

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 188.1530, 22.2790, 20.2550 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(222, 169, 198)` looks like.

```
.text, #text, p{  
    color:rgb(222, 169, 198)  
}
```

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(222, 169, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 169, 198) }
```

## Border

The CSS property to change the border of an element to YIQ 188.1530, 22.2790, 20.2550 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(222, 169, 198) }
```



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

```
.border{ border-color:rgb(222, 169, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 169, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 169, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 169, 198);  
box-shadow:4px 4px 4px 4px rgb(222, 169,  
198) }
```

# Background

The CSS property to change the background color of an element to YIQ 188.1530, 22.2790, 20.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 169, 198) }
```

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

```
.background{ background-color: rgb(222,  
169, 198) }
```

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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