

# Converting Colors

YIQ(185.2540, 22.8320, 4.7200)

Have a look what the booklet for  
YIQ(185.2540, 22.8320, 4.7200)  
contains.

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# Color

**YIQ(185.2540, 22.8320,  
4.7200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2B0A8
RGB	210, 176, 168
RGB Percent	82%, 69%, 66%
CMY	0.1764, 0.3098, 0.3411
CMYK	0.00, 0.16, 0.20, 0.18
HSL	11°, 32%, 74%
HSV	11°, 20%, 82%
XYZ	49.1766, 47.5776, 43.6494
YIQ	185.2540, 22.8320, 4.7200

# Conversions

## Conversions Part 2

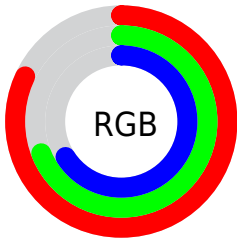
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	210, 178, 168
Decimal	13807784
CIE Lab	74.56, 11.06, 8.66
CIE LCh	75, 14.053, 38.064
Yxy	47.5776, 0.3503, 0.3389
Android (android.graphics.Color)	4291997864 (0xFFD2B0A8)
YUV	185.2540, -8.5062, 21.7022
Hunter-Lab	68.9765, 6.5520, 10.7640

# Details

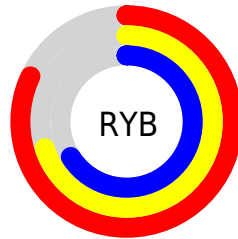
The YIQ color **185.2540, 22.8320, 4.7200** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **192.7460, -22.8320, -4.7200**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.8510, 16.5970, 2.0770**, and **131.7700, 21.3190, 4.6070** is the 20% darker color. If you saturate the color by 10%, you get **172.8810, 34.2480, 7.0800**, and if you desaturate by 10%, it is **197.6270, 11.4160, 2.3600**.

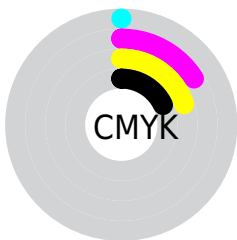
# Distribution



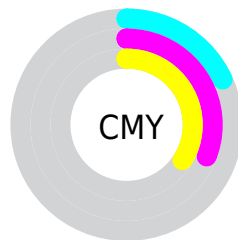
- Red (82%)
- Green (69%)
- Blue (66%)



- Red (82%)
- Yellow (70%)
- Blue (66%)



- Cyan (0%)
- Magenta (16%)
- Yellow (20%)
- Black (18%)




- Cyan (18%)
- Magenta (31%)
- Yellow (34%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 185.2540, 22.8320, 4.7200 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 185.2540, 22.8320, 4.7200 by changing the saturation by 10% instead.





 185.2540, 22.8320,  
4.7200


 185.2540, 22.8320,  
4.7200


255.0000, -0.0000,  
-0.0000


 158.0690, 21.9150,  
4.8190


 237.8510, 16.5970,  
2.0770


 131.7700, 21.3190,  
4.6070

 254.6580, 0.9630,  
-0.9330

 106.4710, 20.7230,  
4.3950

 82.5740, 18.9350,  
3.7590

 59.0900, 17.4220,  
3.6460

 36.9050, 16.5050,  
3.7450

 14.5740, 18.9350,

3.7590

0.0000, 0.0000,  
0.0000

185.2540, 22.8320,  
4.7200

185.2540, 22.8320,  
4.7200

172.8810, 34.2480,  
7.0800

197.6270, 11.4160,  
2.3600

160.5080, 45.6640,  
9.4400

210.0000, 0.0000,  
0.0000

148.1350, 57.0800,  
11.8000

222.3730,  
-11.4160, -2.3600

135.7620, 68.4960,  
14.1600

234.7460,  
-22.8320, -4.7200

123.3890, 79.9120,  
16.5200

241.5450,  
-26.8200, -9.5400

■ 111.0160, 91.3280,  
18.8800

■ 98.6430, 102.7440,  
21.2400

■ 86.2700, 114.1600,  
23.6000

# Harmonies

## Analogous

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



186.0350, 19.2550, 8.9750



185.2540, 22.8320, 4.7200



184.0100, 20.4030, -0.8210

# Triad

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



185.2540, 22.8320, 4.7200



179.6900, -11.2310, -11.2230



183.2730, -13.7100, 6.1780

# Complementary

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



185.2540, 22.8320, 4.7200



192.7460, -22.8320, -4.7200

# 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.



180.9080, -23.1080, 0.2840



185.2540, 22.8320, 4.7200



178.8830, -21.9600, -9.5120

# Square

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



185.2540, 22.8320, 4.7200



181.5620, 0.8730, -10.3190



179.3650, -26.1330, -5.4690



185.1390, -1.4690, 10.1070



# Rectangle

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



185.2540, 22.8320, 4.7200



183.1510, 15.4520, -4.7080



179.3650, -26.1330, -5.4690



182.9520, -17.2400, 4.0720

# Sweetspot

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



185.2540, 22.8320, 4.7200



246.2460, 8.1150, 1.6110



184.4340, 14.1180, 19.4780



122.2780, 5.0890, 1.3850



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.



185.2540, 22.8320, 4.7200



218.6960, 33.3310, 7.1790



197.5810, 17.0570, -6.2630



98.4630, 6.0060, 1.2860



69.0160, 91.3280, 18.8800



16.9550, 22.2360, 4.5080



# Inverse Universe

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



192.7460, -22.8320, -4.7200



229.7170, -33.0560, -6.6560



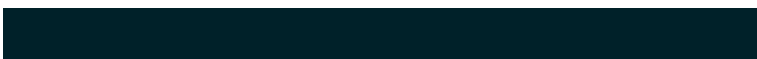
180.4190, -17.0570, 6.2630



100.5370, -6.0060, -1.2860



98.9840, -91.3280, -18.8800



24.0450, -22.2360, -4.5080



# Previews

## White Background



This preview shows how the YIQ color 185.2540, 22.8320, 4.7200 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

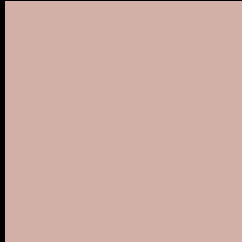
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 185.2540, 22.8320, 4.7200 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

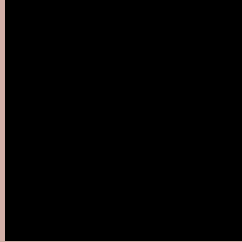
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 185.2540, 22.8320, 4.7200

## Background



This preview shows how black text looks on a background with the YIQ color 185.2540, 22.8320, 4.7200.



This preview shows how white text looks on a background with the YIQ color 185.2540, 22.8320,

4.7200.

# 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

185.2540, 22.8320, 4.7200

### Protanopia

183.8390, 7.7030, -1.9370

### Deuteranopia

184.9440, 20.7690, 3.5610



## Tritanopia

186.2570, 18.7500, 12.6220

# Trichromacy



## Original Color

185.2540, 22.8320, 4.7200

## Protanomaly

184.0570, 13.0210, 0.8050

## Deuteranomaly

185.2430, 21.3650, 3.7730

## Tritanomaly

185.7470, 20.1260, 9.7100

# Monochromacy



## Original Color

185.2540, 22.8320, 4.7200

## Achromatopsia

185.0000, -0.0000, -0.0000

## Achromatomaly

185.2460, 8.1150, 1.6110

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 185.2540, 22.8320, 4.7200 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(210, 176, 168)` looks like.

```
.text, #text, p{  
    color:rgb(210, 176, 168)  
}
```

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(210, 176, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 176, 168) }
```

## Border

The CSS property to change the border of an element to YIQ 185.2540, 22.8320, 4.7200 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(210, 176, 168) }
```



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

```
.border{ border-color:rgb(210, 176, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 176, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 176, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 176, 168); box-shadow:4px 4px 4px 4px rgb(210, 176, 168) }
```

# Background

The CSS property to change the background color of an element to YIQ 185.2540, 22.8320, 4.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 176, 168) }
```

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

```
.background{ background-color: rgb(210,  
176, 168) }
```

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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