

# Converting Colors

YIQ(197.2540, 22.8320, 4.7200)

Have a look what the booklet for  
YIQ(197.2540, 22.8320, 4.7200)  
contains.

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# Color

**YIQ(197.2540, 22.8320,  
4.7200)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DEBCB4
RGB	222, 188, 180
RGB Percent	87%, 74%, 71%
CMY	0.1293, 0.2628, 0.2940
CMYK	0.00, 0.15, 0.19, 0.13
HSL	11°, 39%, 79%
HSV	11°, 19%, 87%
XYZ	56.3510, 54.7893, 50.7986
YIQ	197.2540, 22.8320, 4.7200

# Conversions

## Conversions Part 2

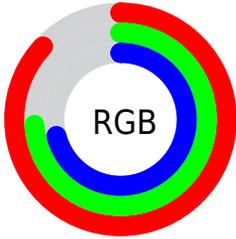
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 190, 180
Decimal	14597300
CIE <sub>Lab</sub>	78.92, 10.90, 8.54
CIE <sub>LCh</sub>	79, 13.848, 38.060
Yxy	54.7893, 0.3480, 0.3383
Android (android.graphics.Color)	4292787380 (0xFFDEBCB4)
YUV	197.2540, -8.5062, 21.7022
Hunter-Lab	74.0198, 6.3569, 11.1241

# Details

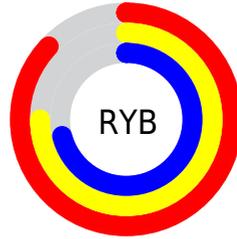
The YIQ color **197.2540, 22.8320, 4.7200** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **204.7460, -22.8320, -4.7200**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **246.3770, 9.1240, -0.1560**, and **143.3570, 21.0440, 4.0840** is the 20% darker color. If you saturate the color by 10%, you get **184.1800, 34.8440, 7.2920**, and if you desaturate by 10%, it is **210.3280, 10.8200, 2.1480**.

# Distribution



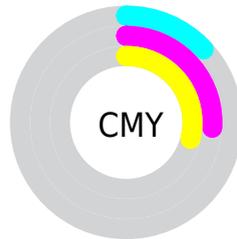
- Red (87%)
- Green (74%)
- Blue (71%)



- Red (87%)
- Yellow (75%)
- Blue (71%)



- Cyan (0%)
- Magenta (15%)
- Yellow (19%)
- Black (13%)



- Cyan (13%)
- Magenta (26%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 197.2540, 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 197.2540, 22.8320, 4.7200 by changing the saturation by 10% instead.

 197.2540, 22.8320,  
4.7200

 197.2540, 22.8320,  
4.7200

255.0000, -0.0000,  
-0.0000

 169.9550, 22.2360,  
4.5080

 246.3770, 9.1240,  
-0.1560

 143.3570, 21.0440,  
4.0840

 117.4710, 20.7230,  
4.3950

 92.8730, 19.5310,  
3.9710

 69.2750, 18.3390,  
3.5470

 46.7910, 16.8260,  
3.4340

 25.0790, 15.9550,

2.6990

■ 4.4850, 8.9400,  
3.1800

■ 0.0000, 0.0000,  
0.0000

■ 197.2540, 22.8320,  
4.7200

■ 197.2540, 22.8320,  
4.7200

■ 184.1800, 34.8440,  
7.2920

■ 210.3280, 10.8200,  
2.1480

■ 171.1060, 46.8560,  
9.8640

■ 223.4020, -1.1920,  
-0.4240

■ 157.9180, 59.1890,  
12.1250

■ 236.5900,  
-13.5250, -2.6850

■ 144.8440, 71.2010,  
14.6970

■ 245.1330,  
-19.6680, -6.9960

■ 131.7700, 83.2130,  
17.2690

■ 118.6960, 95.2250,  
19.8410

■ 105.6220,  
107.2370, 22.4130

■ 92.4340, 119.5700,  
24.6740

■ 91.0320, 120.7620,  
25.0980

# Harmonies

## Analogous

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



198.0350, 19.2550, 8.9750



197.2540, 22.8320, 4.7200



196.0100, 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.



197.2540, 22.8320, 4.7200



191.6900, -11.2310, -11.2230



195.2730, -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.



197.2540, 22.8320, 4.7200



204.7460, -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.



192.9080, -23.1080, 0.2840



197.2540, 22.8320, 4.7200



190.7690, -21.6390, -9.8230

# Square

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



197.2540, 22.8320, 4.7200



192.9750, 1.1480, -9.7960



191.3650, -26.1330, -5.4690



197.1390, -1.4690, 10.1070

# Rectangle

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



197.2540, 22.8320, 4.7200



195.1510, 15.4520, -4.7080



191.3650, -26.1330, -5.4690



194.9520, -17.2400, 4.0720

# Sweetspot

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



197.2540, 22.8320, 4.7200



246.2460, 8.1150, 1.6110



196.4340, 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.



197.2540, 22.8320, 4.7200



220.0980, 32.1390, 6.7550



209.5810, 17.0570, -6.2630



105.4630, 6.0060, 1.2860



71.9950, 95.8210, 20.0530



19.6350, 26.1330, 5.4690



# Inverse Universe

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



204.7460, -22.8320, -4.7200



230.9020, -32.1390, -6.7550



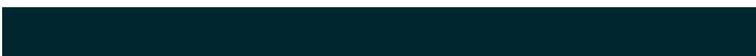
192.4190, -17.0570, 6.2630



107.5370, -6.0060, -1.2860



104.0050, -95.8210, -20.0530



28.3650, -26.1330, -5.4690



# Previews

## White Background



This preview shows how the YIQ color 197.2540, 22.8320, 4.7200 looks on a white background.

## Color Contrast Check

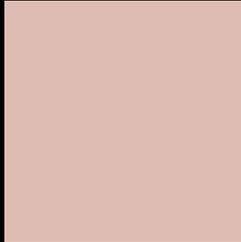
Large Text (above 18pt) WCAG AA × Fail

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 197.2540, 22.8320, 4.7200 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

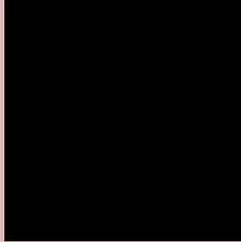
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

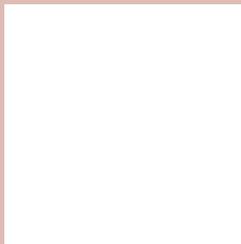
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YIQ 197.2540, 22.8320, 4.7200**

## **Background**



This preview shows how black text looks on a background with the YIQ color 197.2540, 22.8320, 4.7200.



This preview shows how white text looks on a background with the YIQ color 197.2540, 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

197.2540, 22.8320, 4.7200

### Protanopia

195.8390, 7.7030, -1.9370

### Deuteranopia

197.2430, 21.3650, 3.7730



## Tritanopia

198.2570, 18.7500, 12.6220

# Trichromacy



## Original Color

197.2540, 22.8320, 4.7200

## Protanomaly

196.0570, 13.0210, 0.8050

## Deuteranomaly

197.5420, 21.9610, 3.9850

## Tritanomaly

197.7470, 20.1260, 9.7100

# Monochromacy



## Original Color

197.2540, 22.8320, 4.7200

## Achromatopsia

197.0000, -0.0000, -0.0000

## Achromatomaly

197.2460, 8.1150, 1.6110

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 197.2540, 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(222, 188, 180)` looks like.

```
.text, #text, p{  
    color:rgb(222, 188, 180)  
}
```

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, 188, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 188, 180) }
```

## Border

The CSS property to change the border of an element to YIQ 197.2540, 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(222, 188, 180) }
```

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

```
.border{ border-color:rgb(222, 188, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 188, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 188, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 188, 180);  
box-shadow:4px 4px 4px 4px rgb(222, 188,  
180) }
```

# Background

The CSS property to change the background color of an element to YIQ 197.2540, 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(222, 188, 180) }
```

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

```
.background{ background-color: rgb(222,  
188, 180) }
```

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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