

# Converting Colors

YIQ(183.2550, 30.2590, 7.7870)

Have a look what the booklet for  
YIQ(183.2550, 30.2590, 7.7870)  
contains.

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# Color

**YIQ(183.2550, 30.2590,  
7.7870)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D9AAA3
RGB	217, 170, 163
RGB Percent	85%, 67%, 64%
CMY	0.1489, 0.3334, 0.3607
CMYK	0.00, 0.22, 0.25, 0.15
HSL	8°, 42%, 75%
HSV	8°, 25%, 85%
XYZ	49.6082, 46.1434, 40.9573
YIQ	183.2550, 30.2590, 7.7870

# Conversions

## Conversions Part 2

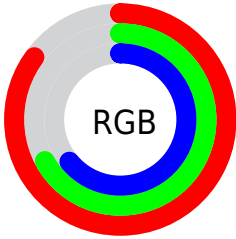
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	217, 171, 163
Decimal	14264995
CIE Lab	73.64, 16.20, 10.18
CIE LCh	74, 19.128, 32.139
Yxy	46.1434, 0.3629, 0.3375
Android (android.graphics.Color)	4292455075 (0xFFD9AAA3)
YUV	183.2550, -9.9857, 29.5944
Hunter-Lab	67.9290, 11.4819, 11.8018

# Details

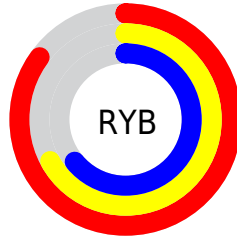
The YIQ color **183.2550, 30.2590, 7.7870** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **196.7450, -30.2590, -7.7870**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.1720, 20.1270, 4.1830**, and **130.0590, 27.8750, 6.9390** is the 20% darker color. If you saturate the color by 10%, you get **169.5940, 42.5460, 10.8820**, and if you desaturate by 10%, it is **196.9160, 17.9720, 4.6920**.

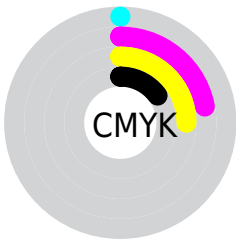
# Distribution



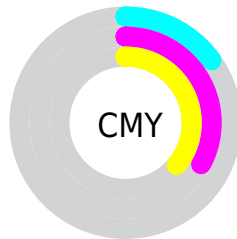
- Red (85%)
- Green (67%)
- Blue (64%)



- Red (85%)
- Yellow (67%)
- Blue (64%)



- Cyan (0%)
- Magenta (22%)
- Yellow (25%)
- Black (15%)




- Cyan (15%)
- Magenta (33%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 183.2550, 30.2590, 7.7870 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 183.2550, 30.2590, 7.7870 by changing the saturation by 10% instead.





 183.2550, 30.2590,  
7.7870

 183.2550, 30.2590,  
7.7870


255.0000, -0.0000,  
-0.0000


 156.0700, 29.3420,  
7.8860


 233.1720, 20.1270,  
4.1830


 130.0590, 27.8750,  
6.9390

 253.3870, 3.1640,  
-2.2760

 104.5750, 26.3620,  
6.8260

 80.0910, 24.8490,  
6.7130

 56.6070, 23.3360,  
6.6000

 34.7100, 21.5480,  
5.9640

 11.3620, 22.6480,

8.0560

■ 0.0000, 0.0000,  
0.0000

■ 183.2550, 30.2590,  
7.7870

■ 183.2550, 30.2590,  
7.7870

■ 169.5940, 42.5460,  
10.8820

■ 196.9160, 17.9720,  
4.6920

■ 156.0470, 54.5120,  
14.2880

■ 210.4630, 6.0060,  
1.2860

■ 142.3860, 66.7990,  
17.3830

■ 224.1240, -6.2810,  
-1.8090

■ 128.7250, 79.0860,  
20.4780

■ 237.7850,  
-18.5680, -4.9040

■ 115.1780, 91.0520,  
23.8840

■ 243.6380,  
-22.6480, -8.0560

■ 102.1040,  
103.0640, 26.4560

■ 88.4430, 115.3510,  
29.5510

■ 81.3190, 121.6320,  
31.3600

# Harmonies

## Analogous

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



184.3070, 24.4810, 13.3850



183.2550, 30.2590, 7.7870



181.7290, 28.5640, -0.0440

# Triad

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



183.2550, 30.2590, 7.7870



175.6850, -12.8350, -15.1950



180.1950, -22.2380, 6.5460

# Complementary

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



183.2550, 30.2590, 7.7870



196.7450, -30.2590, -7.7870

# 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.



176.5800, -33.9280, -1.8640



183.2550, 30.2590, 7.7870



174.4260, -28.1030, -13.8230

# Square

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



183.2550, 30.2590, 7.7870



178.4220, 4.0830, -13.4290



174.2820, -36.2650, -9.0730



182.9800, -5.2750, 13.0050



# Rectangle

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



183.2550, 30.2590, 7.7870



180.6310, 22.7880, -5.5000



174.2820, -36.2650, -9.0730



178.8630, -27.2350, 3.4930

# Sweetspot

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



183.2550, 30.2590, 7.7870



243.5560, 10.1780, 2.7700



184.6180, 16.7760, 26.3760



121.4630, 6.0060, 1.2860



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.



183.2550, 30.2590, 7.7870



207.0070, 42.8210, 11.4050



198.5170, 23.1090, -5.8110



102.8760, 6.2810, 1.8090



64.6410, 97.0580, 25.1700



17.2760, 25.7660, 6.6140



# Inverse Universe

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



196.7450, -30.2590, -7.7870



226.4060, -42.5460, -10.8820



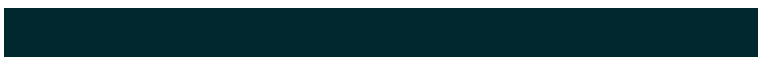
181.4830, -23.1090, 5.8110



105.5370, -6.0060, -1.2860



108.3590, -97.0580, -25.1700



28.7240, -25.7660, -6.6140



# Previews

## White Background



This preview shows how the YIQ color 183.2550, 30.2590, 7.7870 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 183.2550, 30.2590, 7.7870 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

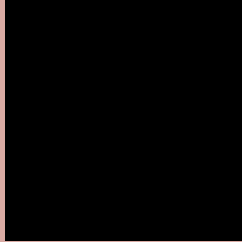
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 183.2550, 30.2590, 7.7870

## Background



This preview shows how black text looks on a background with the YIQ color 183.2550, 30.2590, 7.7870.



This preview shows how white text looks on a background with the YIQ color 183.2550, 30.2590,

7.7870.

# 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

183.2550, 30.2590, 7.7870

### Protanopia

181.4260, 7.4280, -2.4600

### Deuteranopia

182.7870, 22.6490, 2.5290



## Tritanopia

184.0300, 26.8190, 15.0670

# Trichromacy



## Original Color

183.2550, 30.2590, 7.7870

## Protanomaly

182.1390, 15.7260, 1.3420

## Deuteranomaly

182.8090, 25.5830, 4.4230

## Tritanomaly

183.6340, 27.8740, 12.4660

# Monochromacy



## Original Color

183.2550, 30.2590, 7.7870

## Achromatopsia

183.0000, -0.0000, -0.0000

## Achromatomaly

182.8550, 10.7740, 2.9820

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 183.2550, 30.2590, 7.7870 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(217, 170, 163)` looks like.

```
.text, #text, p{  
    color:rgb(217, 170, 163)  
}
```

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(217, 170, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 170, 163) }
```

## Border

The CSS property to change the border of an element to YIQ 183.2550, 30.2590, 7.7870 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(217, 170, 163) }
```



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

```
.border{ border-color:rgb(217, 170, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 170, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 170, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 170, 163);  
box-shadow:4px 4px 4px 4px rgb(217, 170,  
163) }
```

# Background

The CSS property to change the background color of an element to YIQ 183.2550, 30.2590, 7.7870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 170, 163) }
```

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

```
.background{ background-color: rgb(217,  
170, 163) }
```

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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