

Converting Colors

YIQ(183.7100, 38.7430, -2.8010)

Have a look what the booklet for
YIQ(183.7100, 38.7430, -2.8010)
contains.

YIQ(183.7100, 38.7430, -2.8010)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(183.7100, 38.7430,
-2.8010)**

Conversions

Conversions Part 1

Format	Color
Hex	DBAF88
RGB	219, 175, 136
RGB Percent	86%, 69%, 53%
CMY	0.1411, 0.3138, 0.4665
CMYK	0.00, 0.20, 0.38, 0.14
HSL	28°, 54%, 70%
HSV	28°, 38%, 86%
XYZ	48.9932, 47.4949, 29.8952
YIQ	183.7100, 38.7430, -2.8010

Conversions

Conversions Part 2

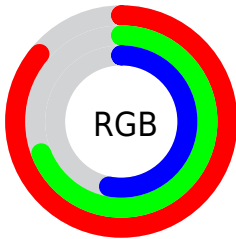
Format	Color
R_{YB}	219, 210, 136
Decimal	14397320
CIE _{Lab}	74.51, 10.79, 26.05
CIE _{LCh}	75, 28.200, 67.501
Yxy	47.4949, 0.3877, 0.3758
Android (android.graphics.Color)	4292587400 (0xFFDBAF88)
YUV	183.7100, -23.5210, 30.9493
Hunter-Lab	68.9165, 6.2929, 22.5222

Details

The YIQ color **183.7100, 38.7430, -2.8010** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **171.2900, -38.7430, 2.8010**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **233.5020, 27.4650, -7.6630**, and **130.4430, 35.1210, -3.2390** is the 20% darker color. If you saturate the color by 10%, you get **174.1580, 49.1050, -3.3670**, and if you desaturate by 10%, it is **193.2620, 28.3810, -2.2350**.

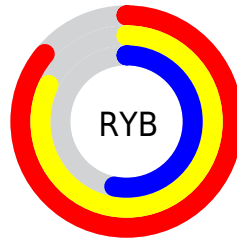
Distribution



Red (86%)

Green (69%)

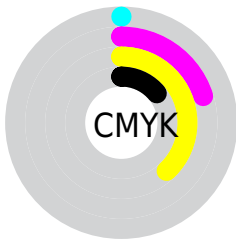
Blue (53%)



Red (86%)

Yellow (82%)

Blue (53%)

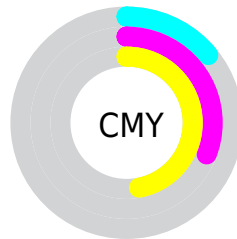


Cyan (0%)

Magenta (20%)

Yellow (38%)

Black (14%)



Cyan (14%)

Magenta (31%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 183.7100, 38.7430, -2.8010 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 183.7100, 38.7430, -2.8010 by changing the saturation by 10% instead.

■ 183.7100, 38.7430,
-2.8010

■ 183.7100, 38.7430,
-2.8010

255.0000, -0.0000,
-0.0000

■ 156.2260, 37.2300,
-2.9140

■ 233.5020, 27.4650,
-7.6630

■ 130.4430, 35.1210,
-3.2390

■ 250.7820, 11.8770,
-11.5070

■ 104.9590, 33.6080,
-3.3520

■ 253.9740, 2.8890,
-2.7990

■ 80.5890, 31.7740,
-3.1540

■ 56.8060, 29.6650,
-3.4790

■ 34.9520, 26.3180,
-3.3940

■ 14.2750, 18.3390,

3.5470

■ 0.0000, 0.0000,
0.0000

■ 183.7100, 38.7430,
-2.8010

■ 183.7100, 38.7430,
-2.8010

■ 174.1580, 49.1050,
-3.3670

■ 193.2620, 28.3810,
-2.2350

■ 165.1930, 59.1920,
-4.4560

■ 202.2270, 18.2940,
-1.1460

■ 155.6410, 69.5540,
-5.0220

■ 211.7790, 7.9320,
-0.5800

■ 146.0890, 79.9160,
-5.5880

■ 220.7440, -2.1550,
0.5090

■ 137.2380, 89.6820,
-6.3660

■ 230.2960,
-12.5170, 1.0750

■ 127.6860,
100.0440, -6.9320

■ 238.3660,
-18.7060, -2.4020

■ 125.9420,
102.1990, -7.4410

■ 244.2360,
-21.4560, -7.6320

Harmonies

Analogous

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



185.7250, 43.5550, 9.1150



183.7100, 38.7430, -2.8010



181.6600, 23.8440, -13.6280

Triad

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



183.7100, 38.7430, -2.8010



171.5590, -47.7710, -20.8190



186.2780, -2.9380, 20.2140

Complementary

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



183.7100, 38.7430, -2.8010



171.2900, -38.7430, 2.8010

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.



181.9370, -30.0790, 10.9850



183.7100, 38.7430, -2.8010



170.8430, -60.0140, -13.6940

Square

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



183.7100, 38.7430, -2.8010



174.5970, -24.5710, -22.7710



175.7120, -51.8550, -1.8630



187.6630, 20.9030, 23.1670

Rectangle

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



183.7100, 38.7430, -2.8010



179.4840, 9.5400, -18.7160



175.7120, -51.8550, -1.8630



185.0210, -12.5200, 17.6560

Sweetspot

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



183.7100, 38.7430, -2.8010



243.0030, 13.1130, -0.8630



165.8330, 35.3440, 31.2800



120.7790, 7.9320, -0.5800



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.



183.7100, 38.7430, -2.8010



206.0830, 53.6900, -3.8620



207.7770, 27.4680, -24.2440



105.2240, 5.1810, -0.2830



99.2740, 80.8330, -5.6870



26.6680, 21.3660, -1.7540

Inverse Universe

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



171.2900, -38.7430, 2.8010



188.9170, -53.6900, 3.8620



147.2230, -27.4680, 24.2440



103.7760, -5.1810, 0.2830



73.7260, -80.8330, 5.6870



19.3320, -21.3660, 1.7540

Previews

White Background



This preview shows how the YIQ color 183.7100, 38.7430, -2.8010 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 183.7100, 38.7430, -2.8010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

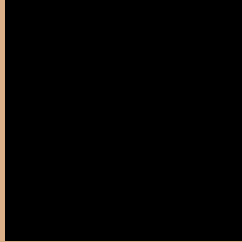
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 183.7100, 38.7430, -2.8010

Background



This preview shows how black text looks on a background with the YIQ color 183.7100, 38.7430, -2.8010.



This preview shows how white text looks on a background with the YIQ color 183.7100, 38.7430,

-2.8010.

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

183.7100, 38.7430, -2.8010

Protanopia

181.9850, 21.5510, -10.6170

Deuteranopia

183.6990, 37.2760, -3.7480



Tritanopia

186.9270, 28.6070, 15.7030

Trichromacy



Original Color

183.7100, 38.7430, -2.8010

Protanomaly

182.5020, 27.4650, -7.6630

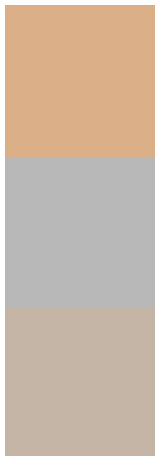
Deuteranomaly

183.9980, 37.8720, -3.5360

Tritanomaly

185.5650, 32.3220, 8.9460

Monochromacy



Original Color

183.7100, 38.7430, -2.8010

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

184.1880, 14.0300, -0.9620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.7100, 38.7430, -2.8010 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(219, 175, 136)` looks like.

```
.text, #text, p{  
    color:rgb(219, 175, 136)  
}
```

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(219, 175, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 175, 136) }
```

Border

The CSS property to change the border of an element to YIQ 183.7100, 38.7430, -2.8010 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(219, 175, 136) }
```


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

```
.border{ border-color:rgb(219, 175, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 175, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 175, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 175, 136);  
box-shadow:4px 4px 4px 4px rgb(219, 175,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 183.7100, 38.7430, -2.8010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 175, 136) }
```

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

```
.background{ background-color: rgb(219,  
175, 136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor